OIPE JC1&2
OCT 20 2003
PATENT & TRADEMARK OFFICE

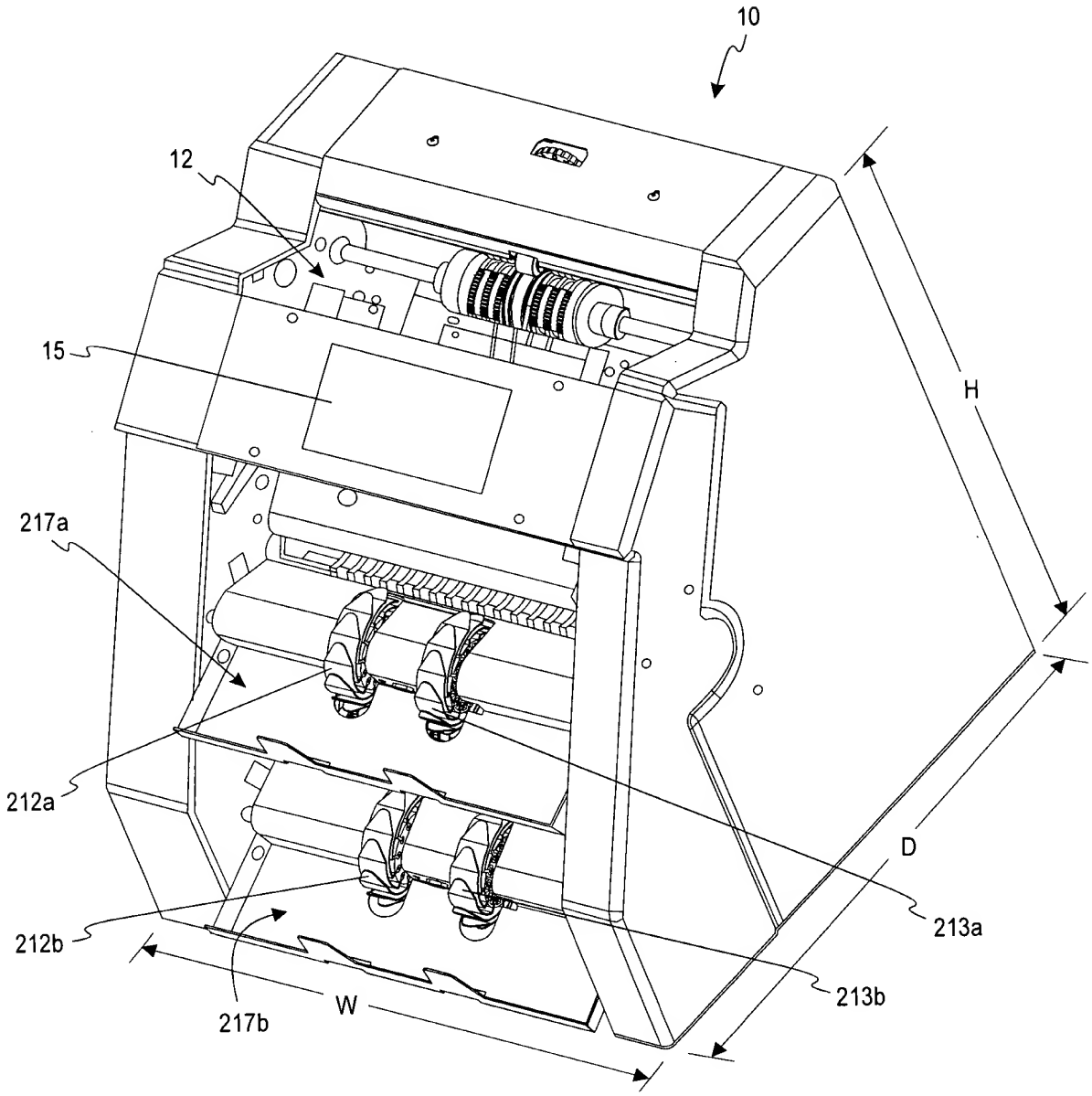


FIG. 1a

OIPE JC16
OCT 20 2003
PATENT & TRADEMARK OFFICE

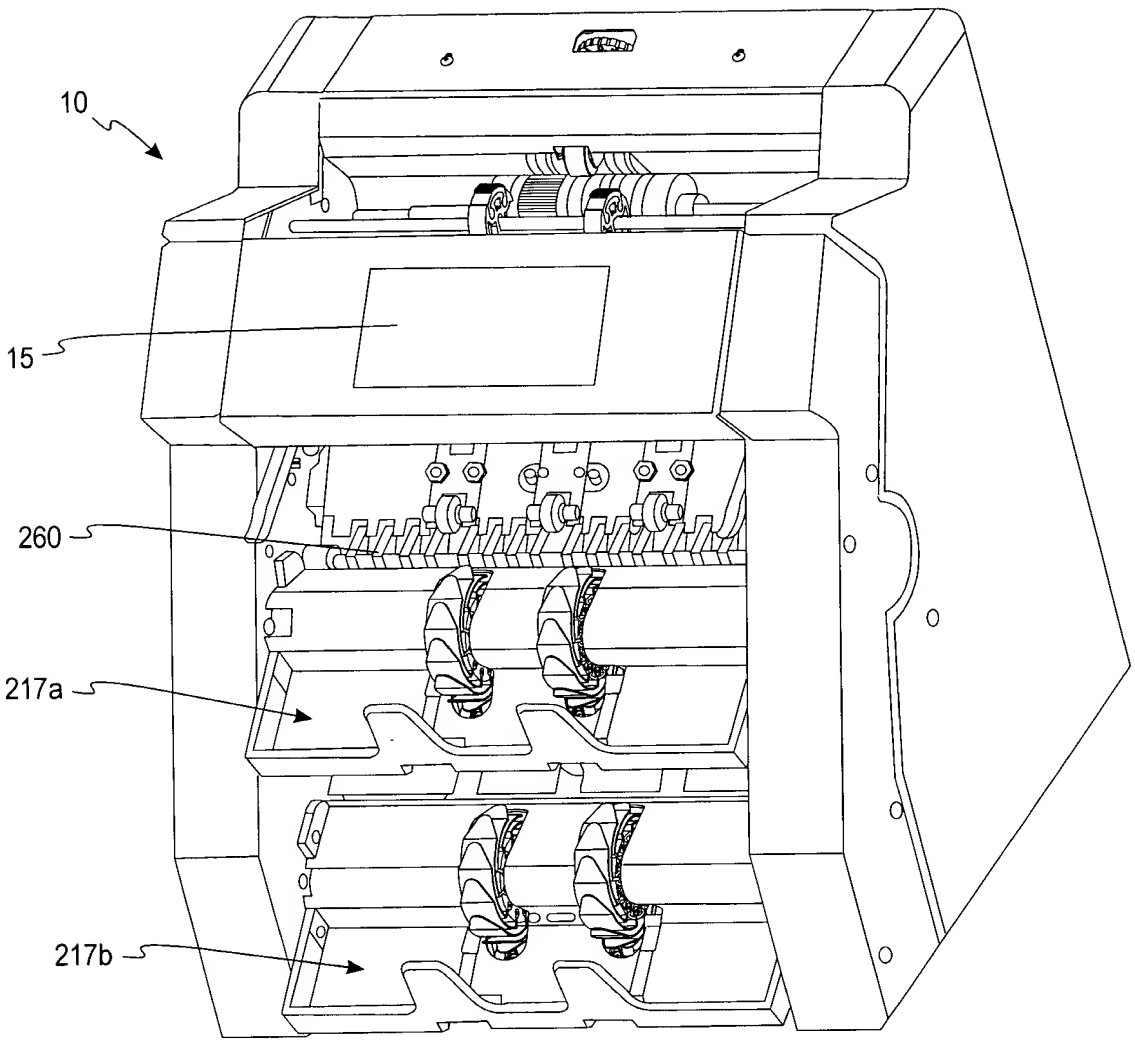


FIG. 1b

OIPE JC13
OCT 20 2003
PATENT & TRADEMARK OFFICE

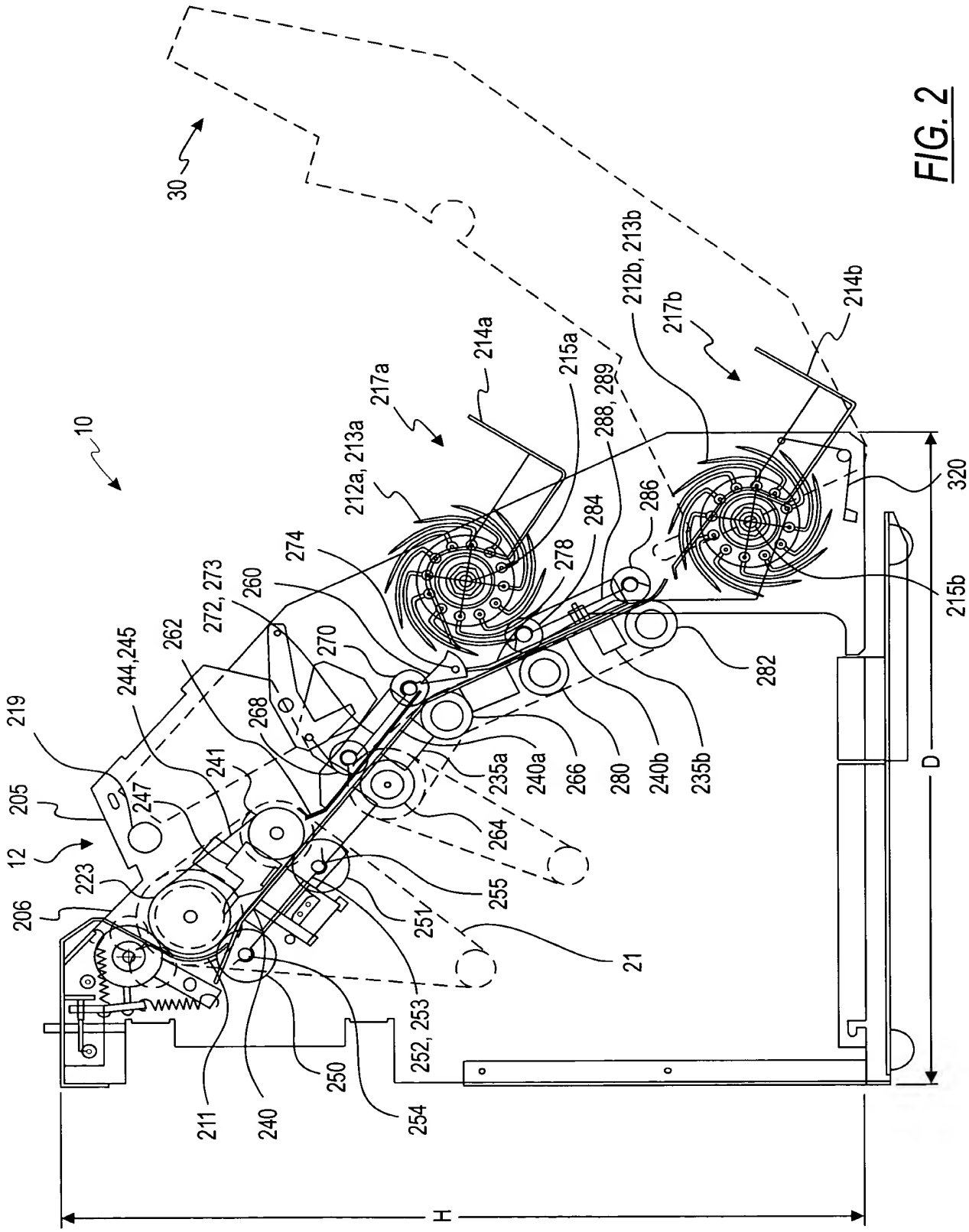


FIG. 2

OIPE JC18
OCT 20 2003
PATENT & TRADEMARK OFFICE

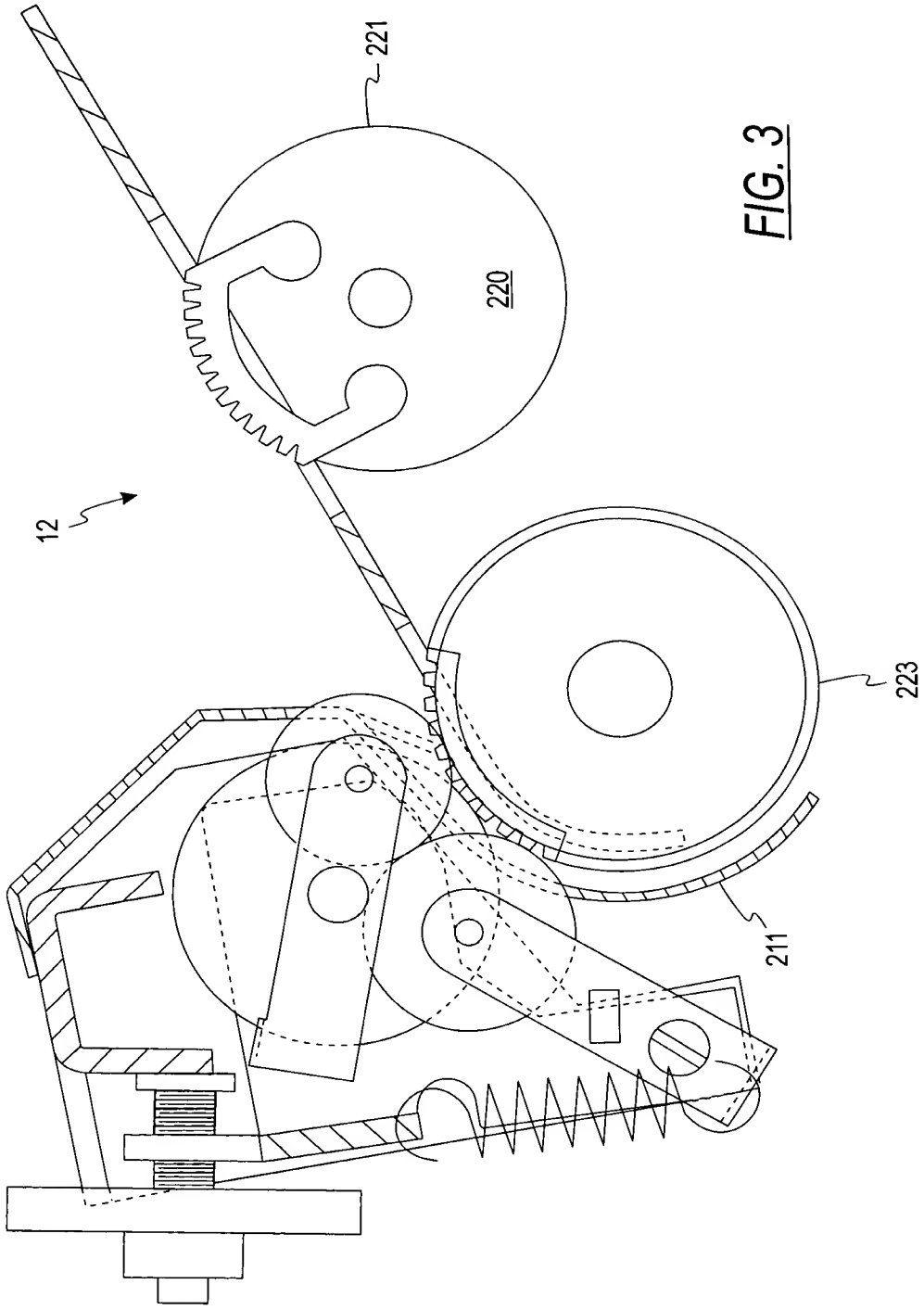


FIG. 3

OIPE JC1SP
OCT 20 2003
PATENT & TRADEMARK OFFICE

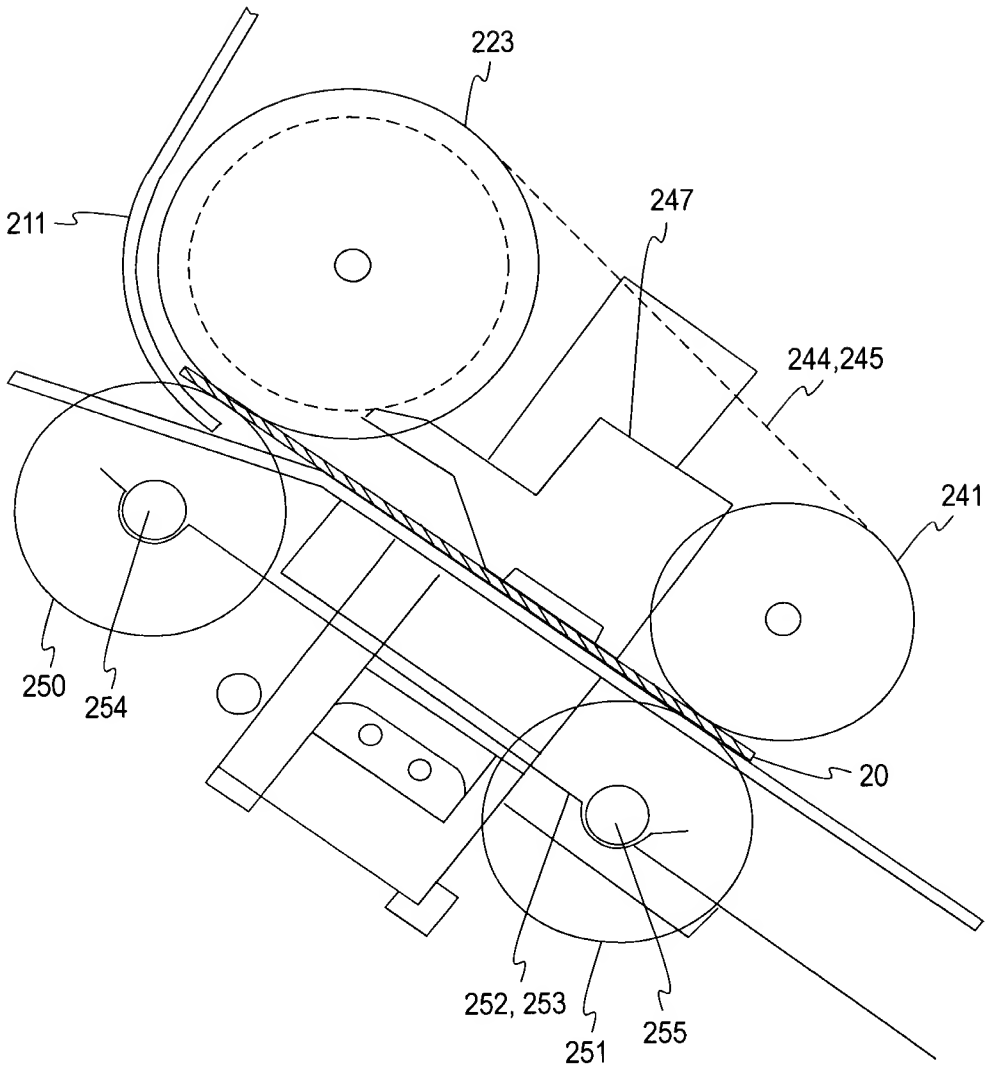


FIG. 4

OIPE JC16
OCT 20 2003
PATENT & TRADEMARK OFFICE

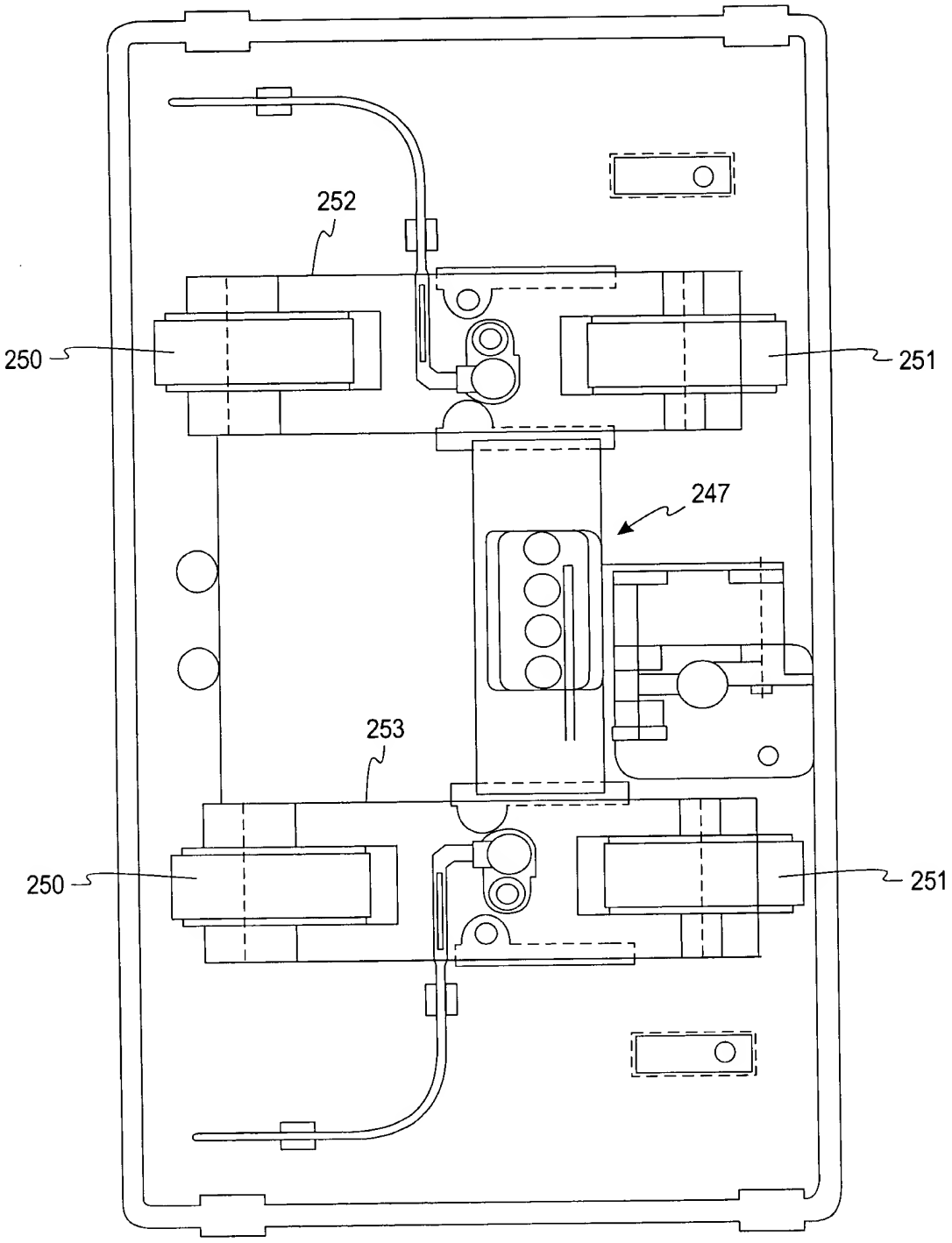


FIG. 5

OIPE JC13
OCT 20 2003
PATENT & TRADEMARK OFFICE

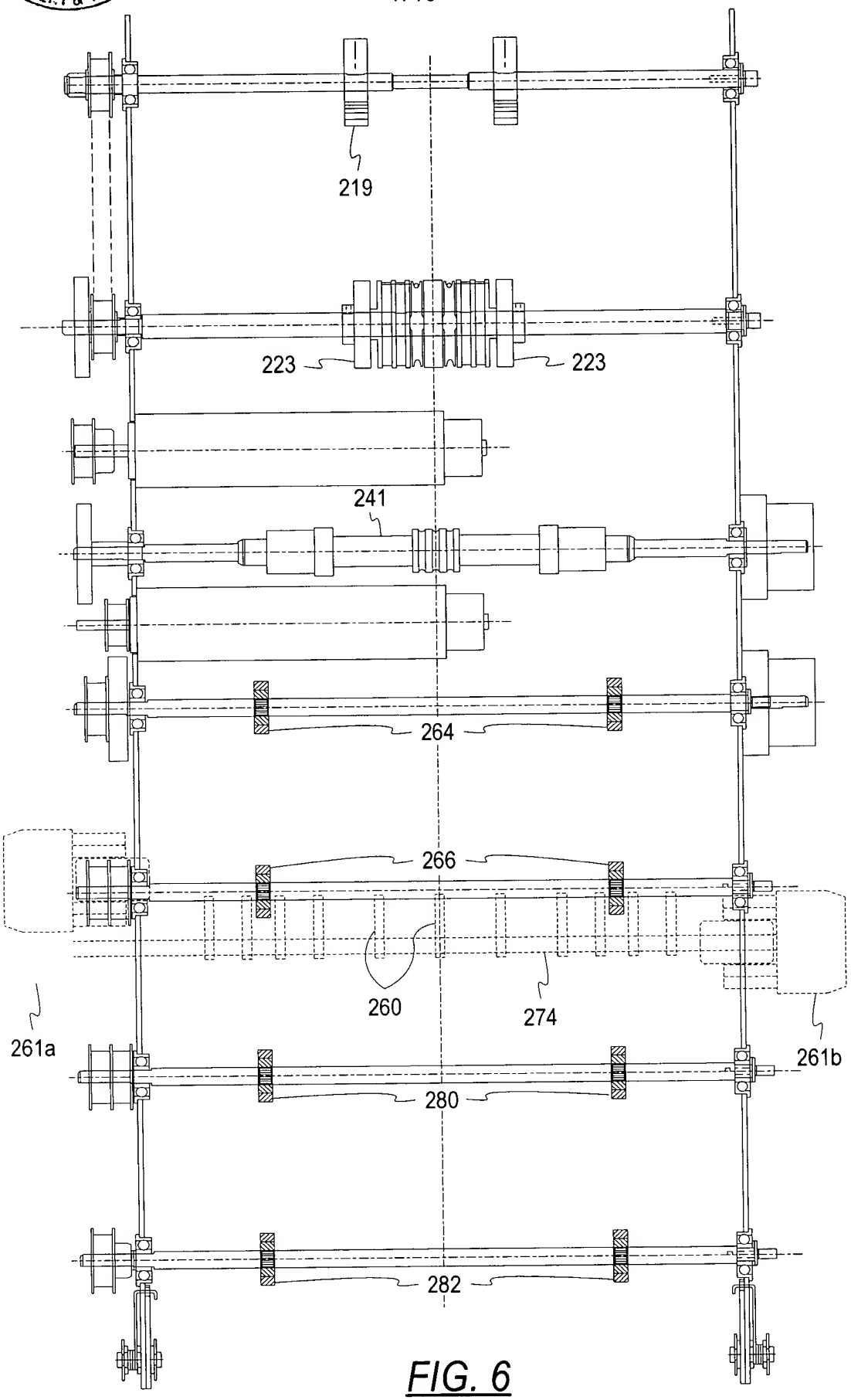


FIG. 6

OIPE JC18
OCT 20 2003
PATENT & TRADEMARK OFFICE

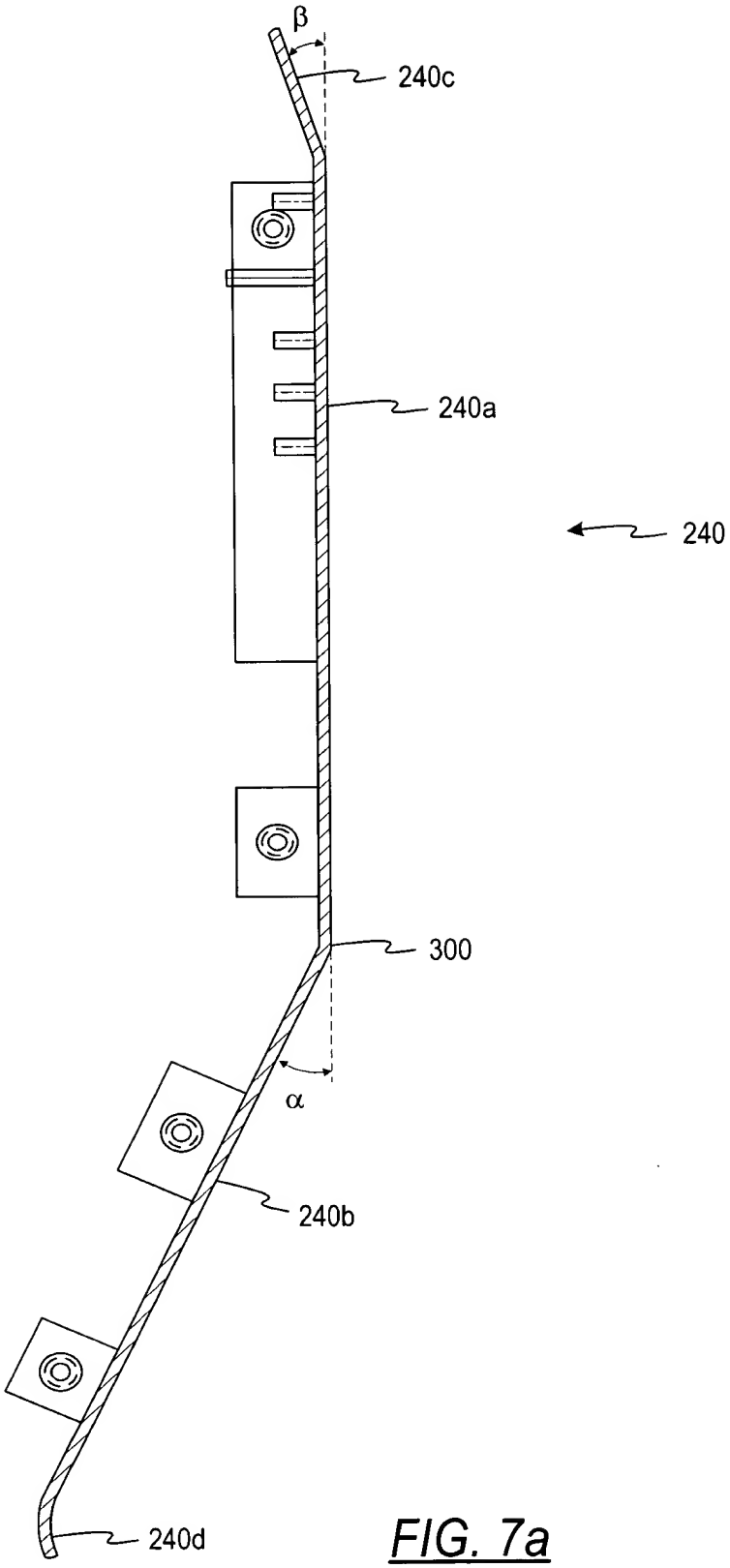


FIG. 7a

OIPE JC1SS
OCT 20 2003
PATENT & TRADEMARK OFFICE

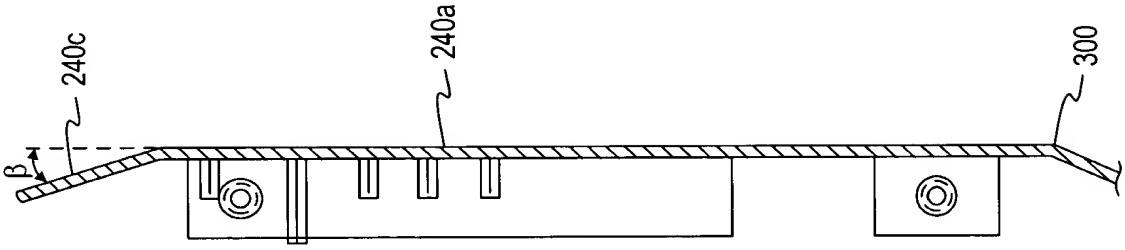


FIG. 7c

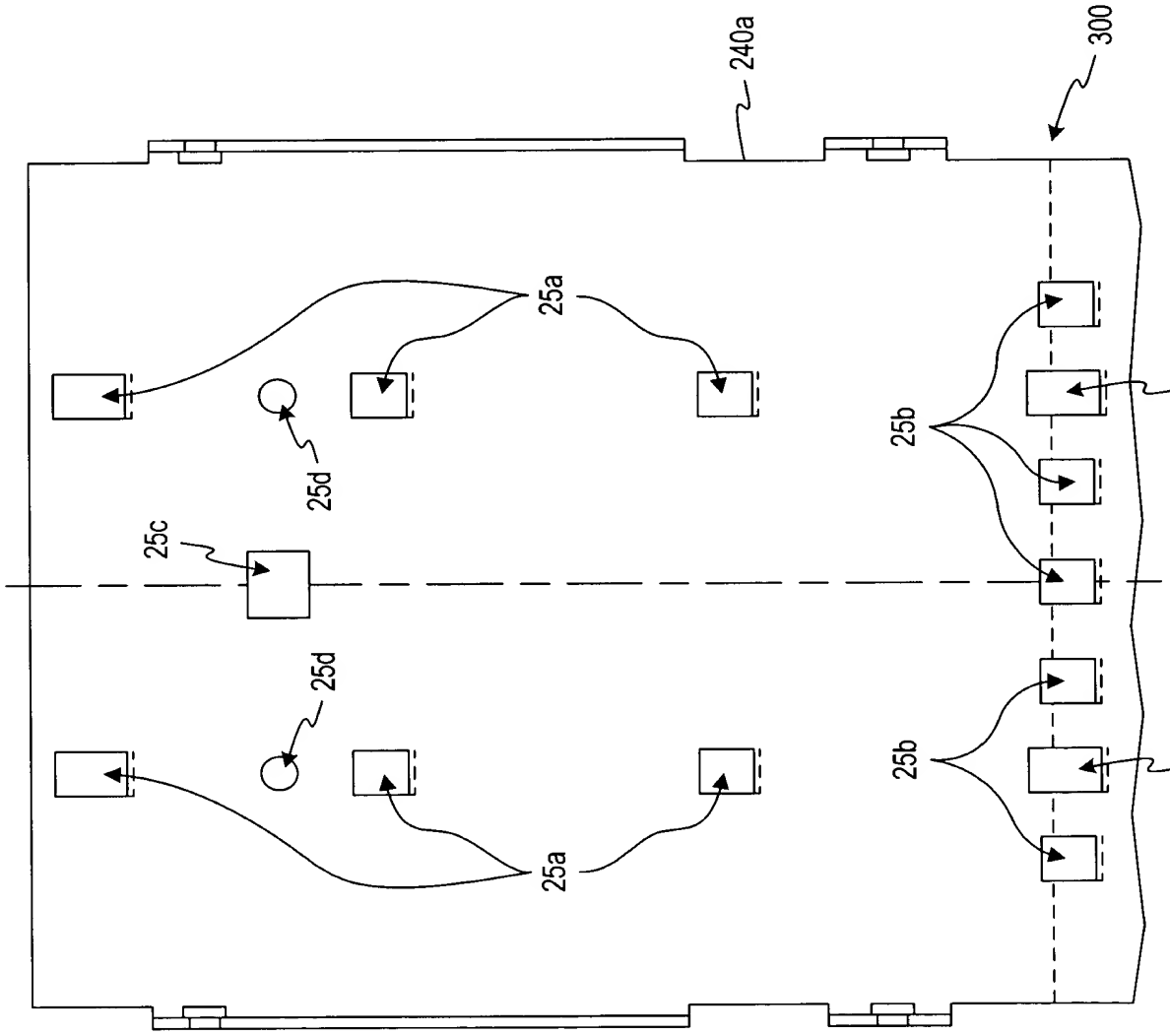


FIG. 7b

OIPE JC18
OCT 20 2003
PATENT & TRADEMARK OFFICE

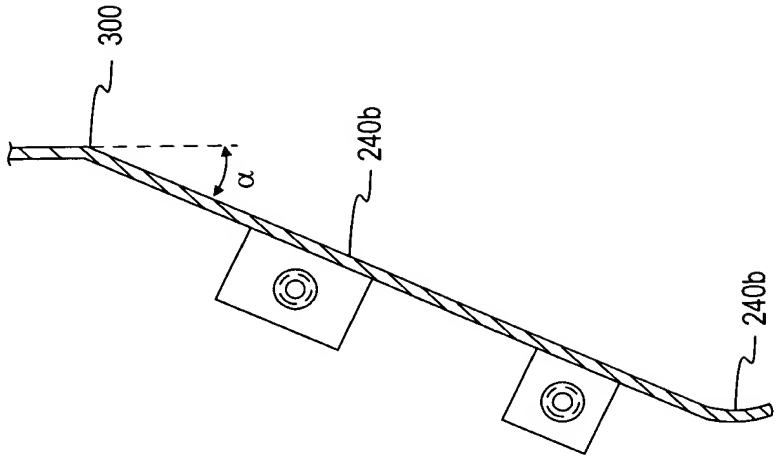


FIG. 7e

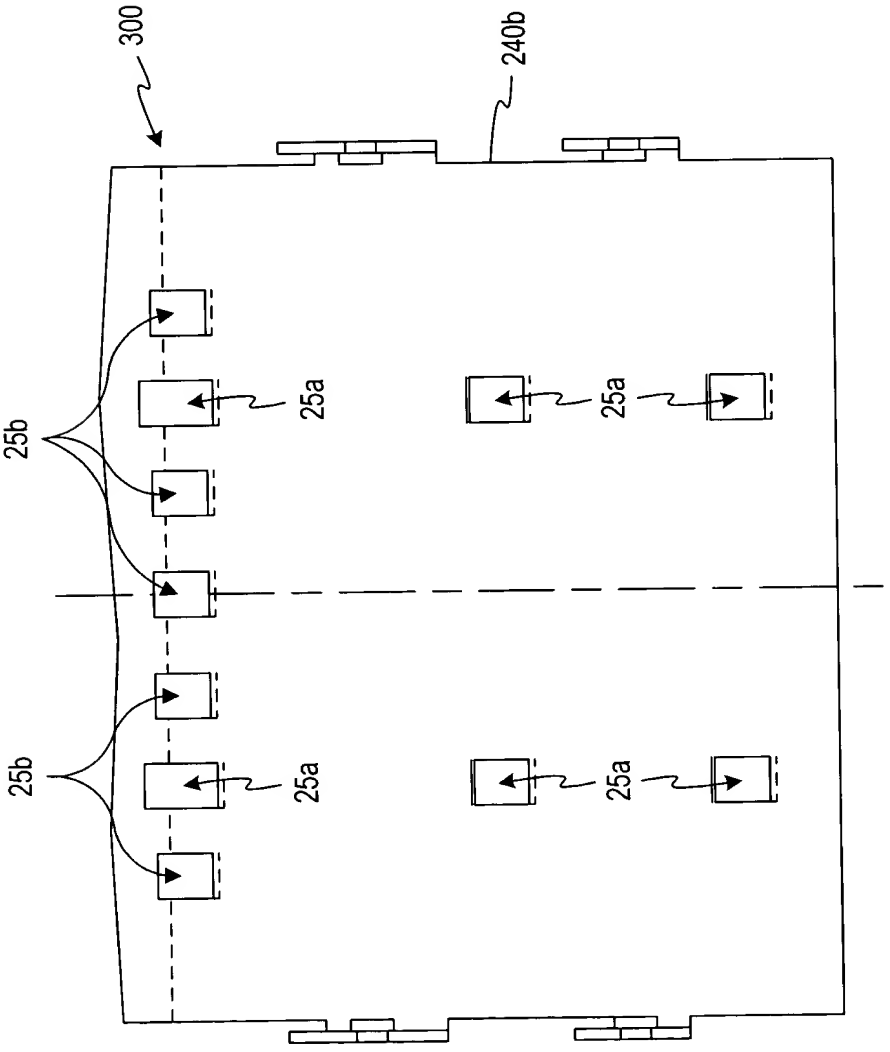


FIG. 7d

OIPE JC1&
OCT 20 2003
PATENT & TRADEMARK OFFICE

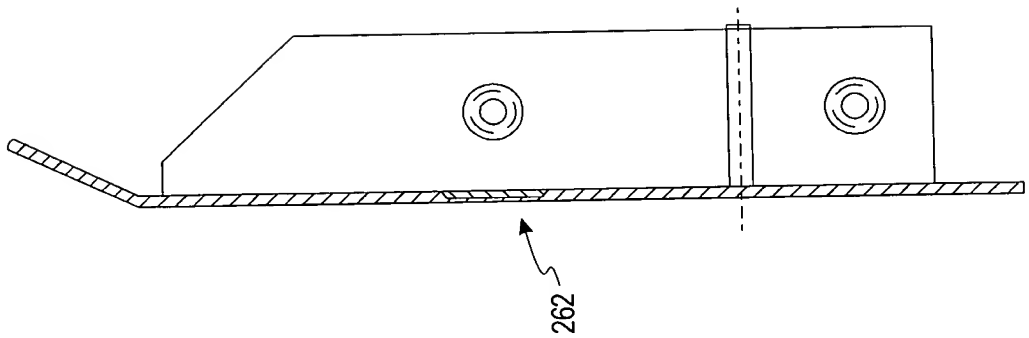


FIG. 8b

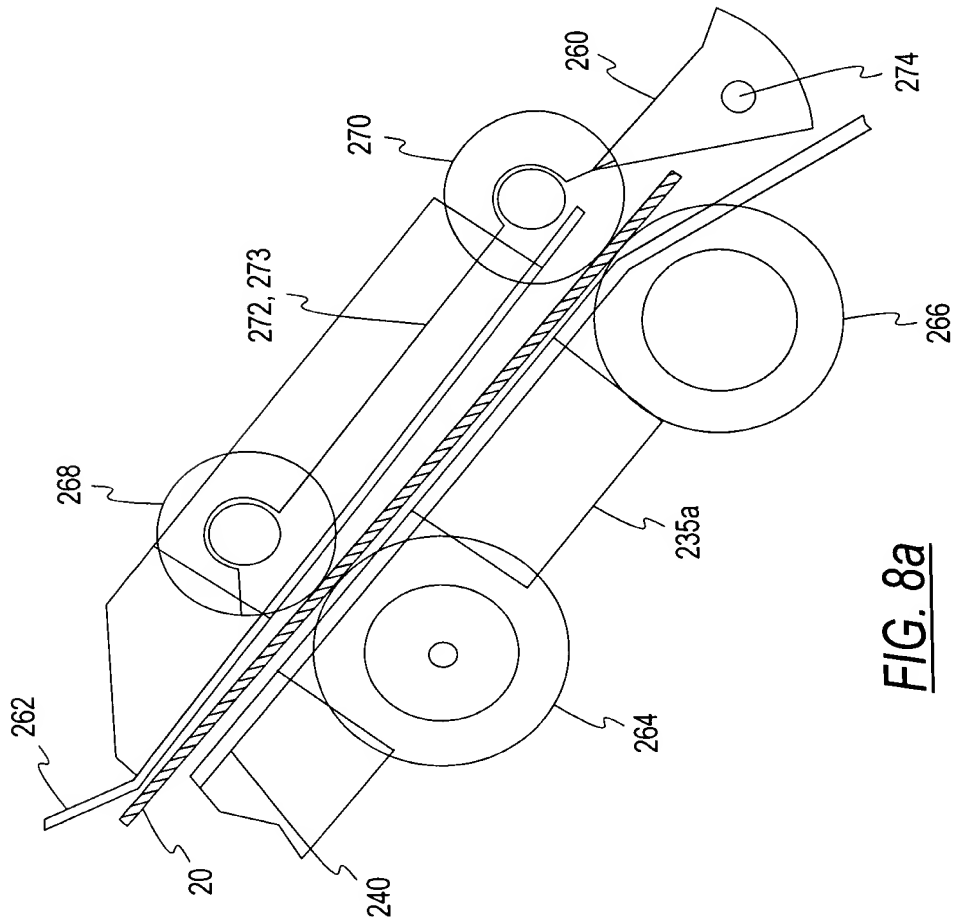


FIG. 8a

OIPE JC18
OCT 20 2003
PATENT & TRADEMARK OFFICE

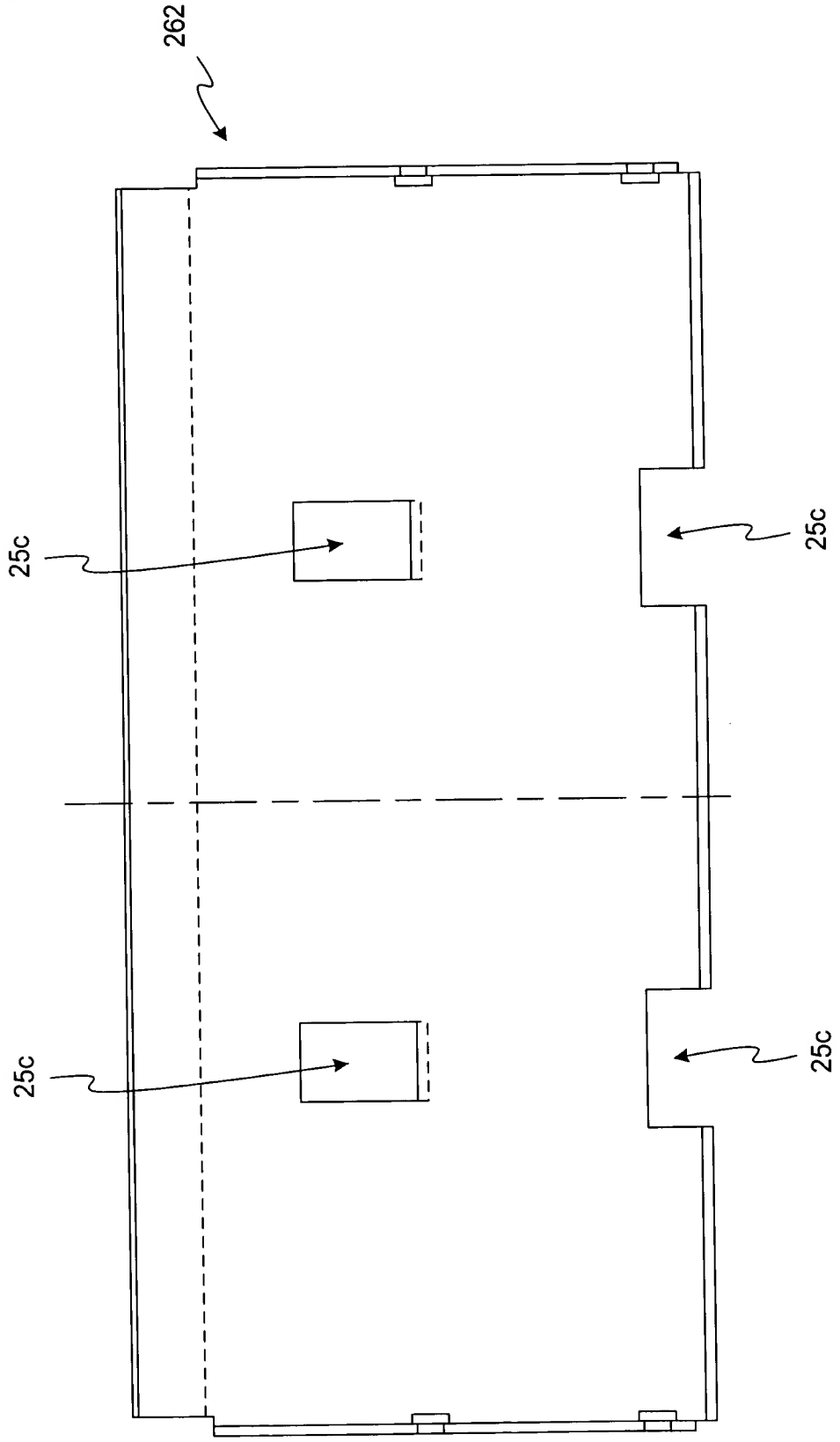


FIG. 8c

OIPE JC14
OCT 20 2003
PATENT & TRADEMARK OFFICE

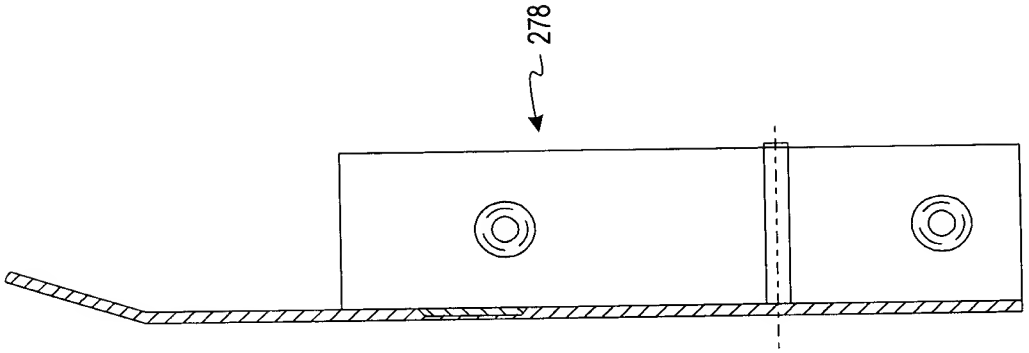


FIG. 9b

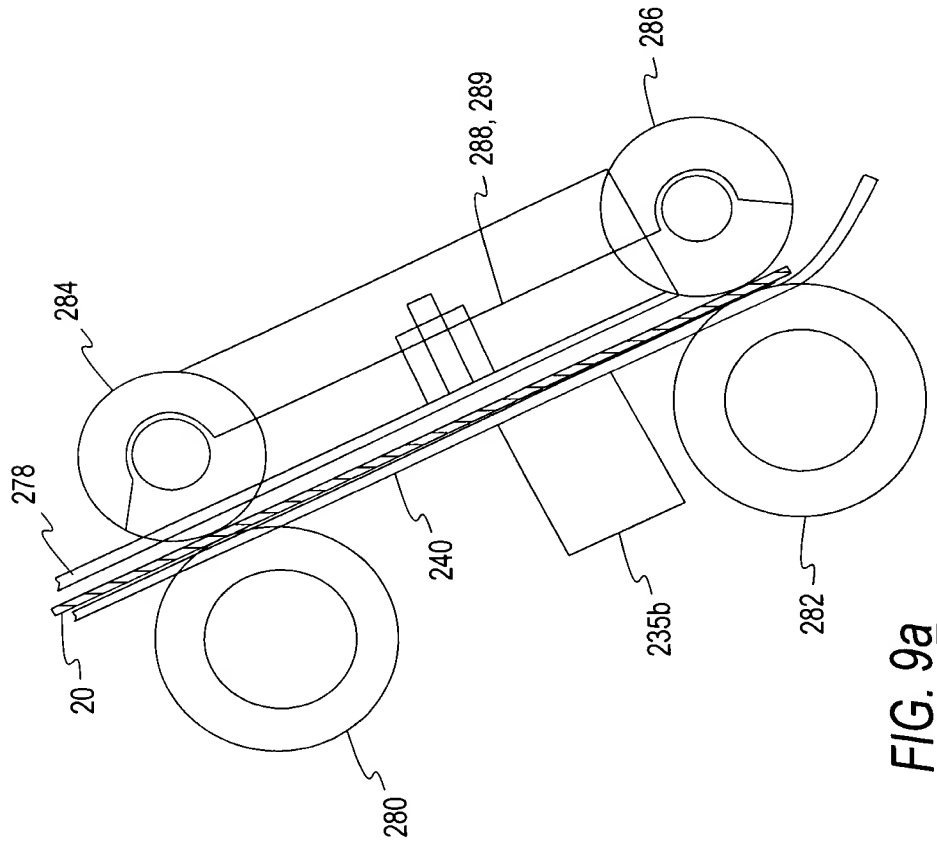


FIG. 9a

OIPE 3C15
OCT 20 2003
PATENT & TRADEMARK OFFICE

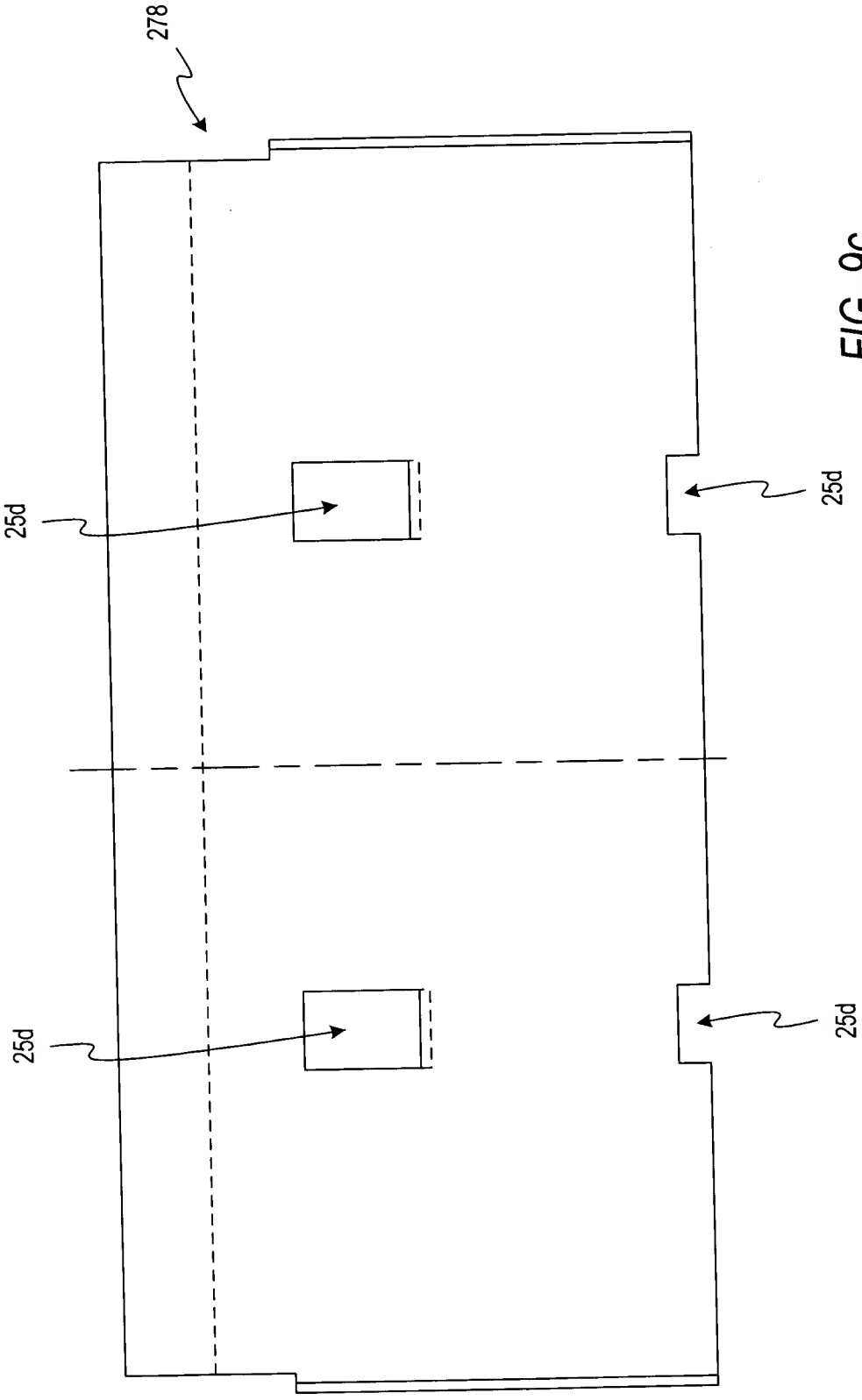


FIG. 9c

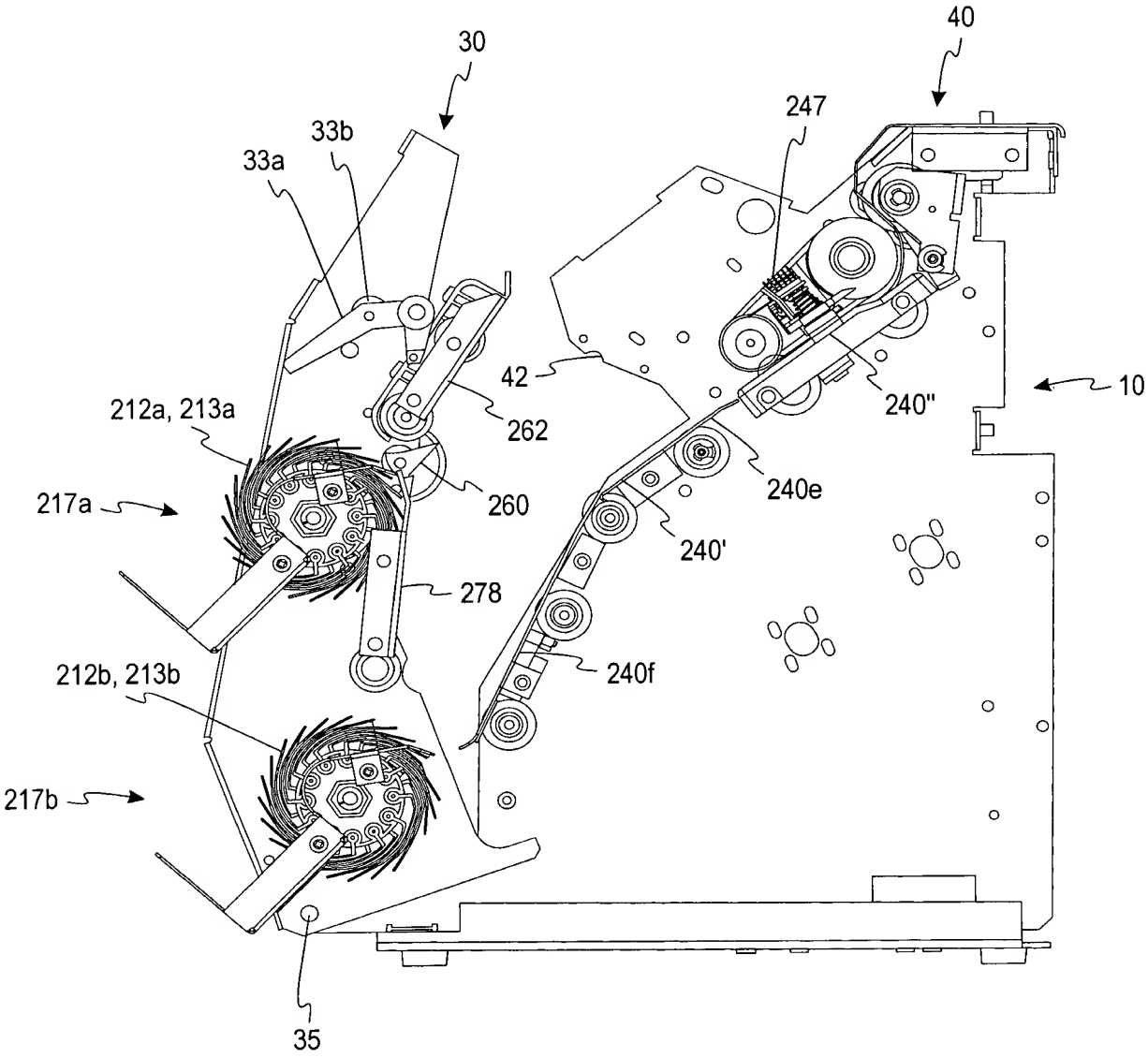
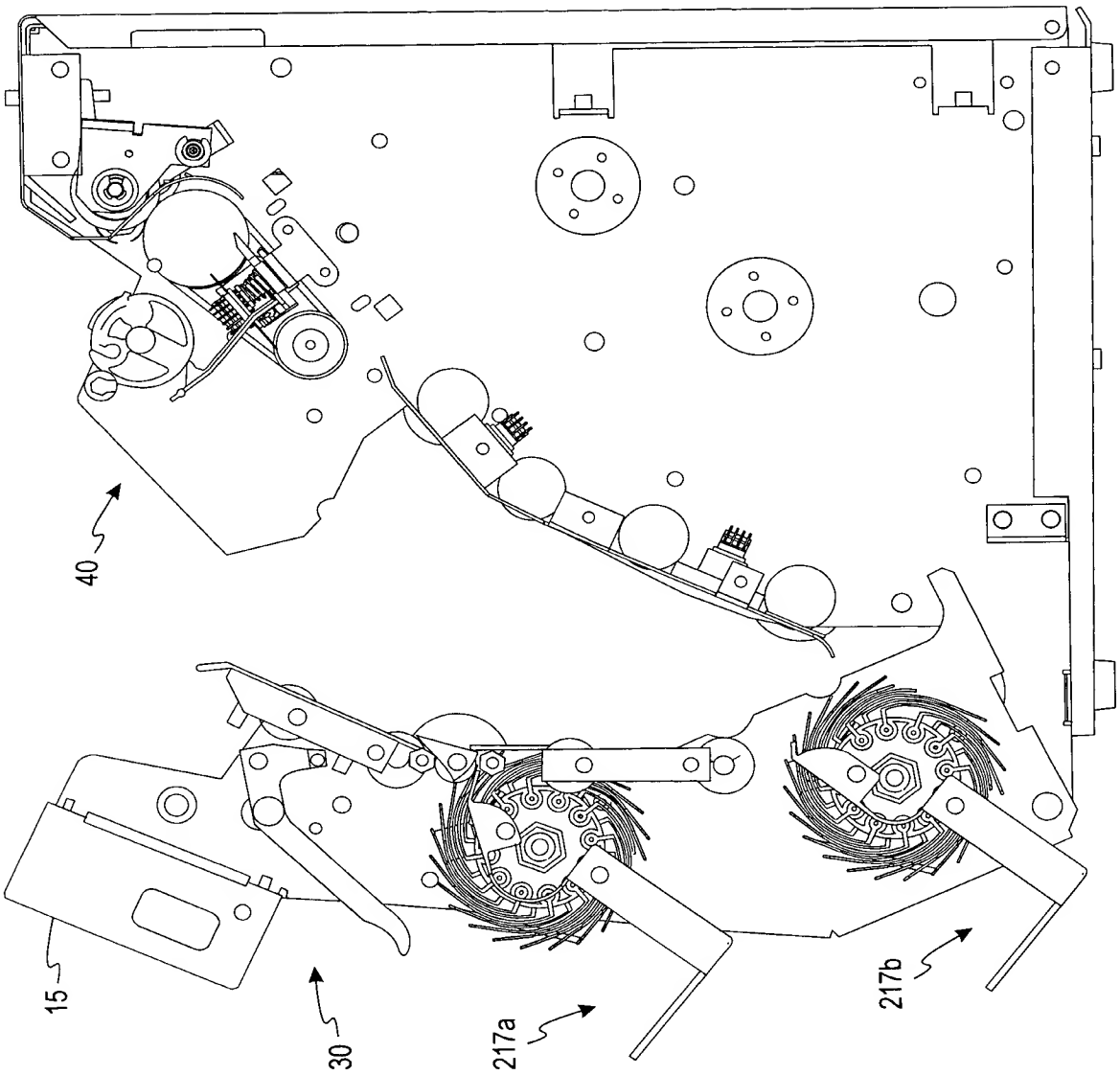

30
40
33b
33a
247
42
10
212a, 213a
262
240"
217a
260
240e
240'
278
212b, 213b
240f
217b
35

FIG. 10a

OIPE SCAN
OCT 20 2003
PATENT & TRADEMARK OFFICE

FIG. 10b



OIPE JC1&C
OCT 20 2003
PATENT & TRADEMARK OFFICE

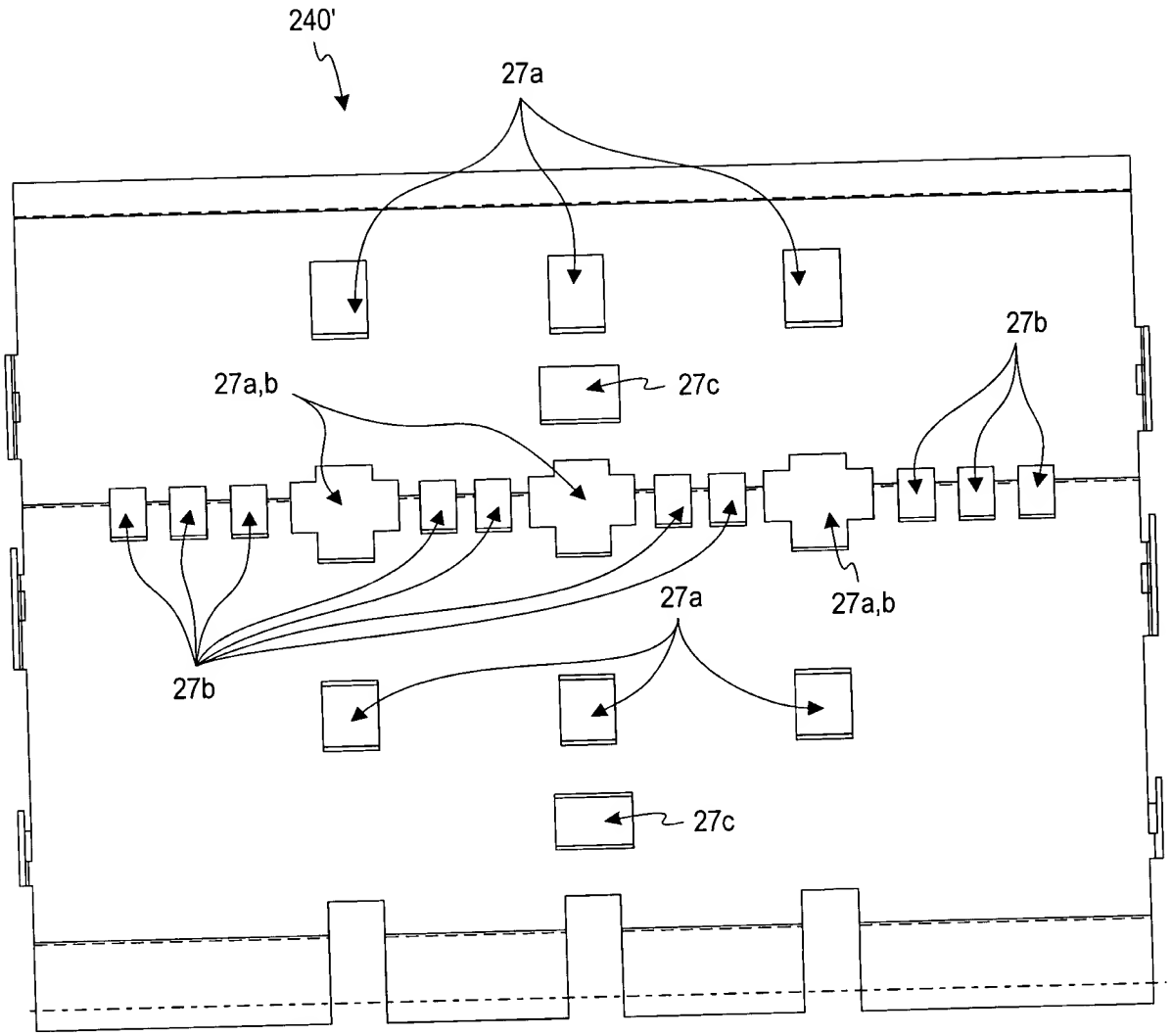


FIG. 11a

OIPE JC1&8
OCT 20 2003
PATENT & TRADEMARK OFFICE

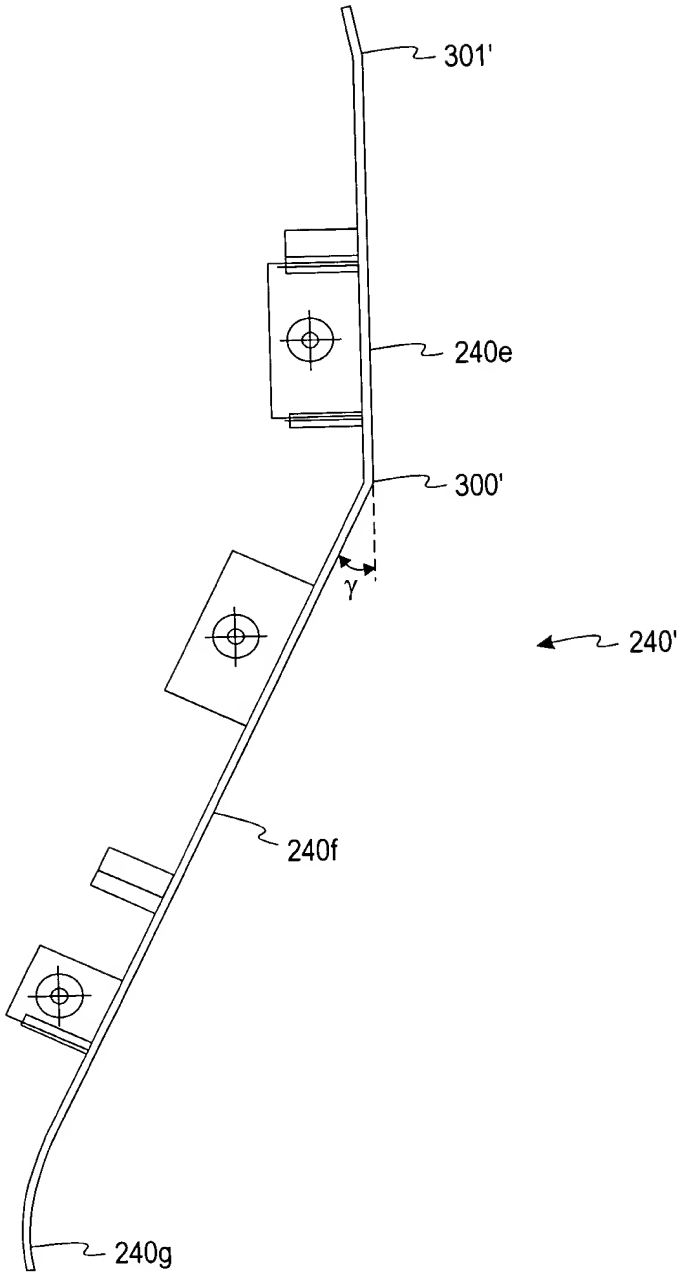


FIG. 11b

OIPE JC15
OCT 20 2003
PATENT & TRADEMARK OFFICE

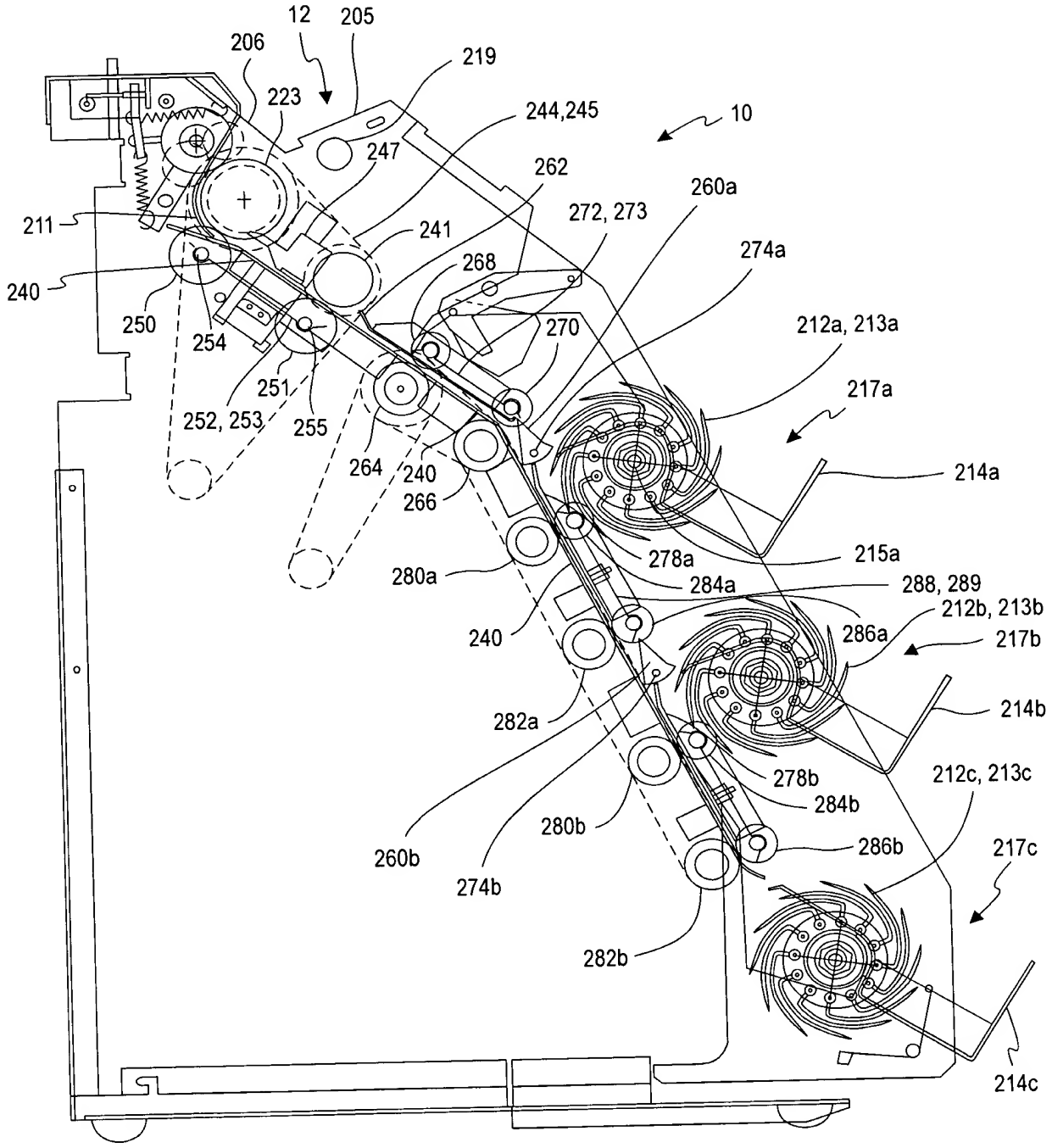


FIG. 12a

OIPE JC15
OCT 20 2003
PATENT & TRADEMARK OFFICE

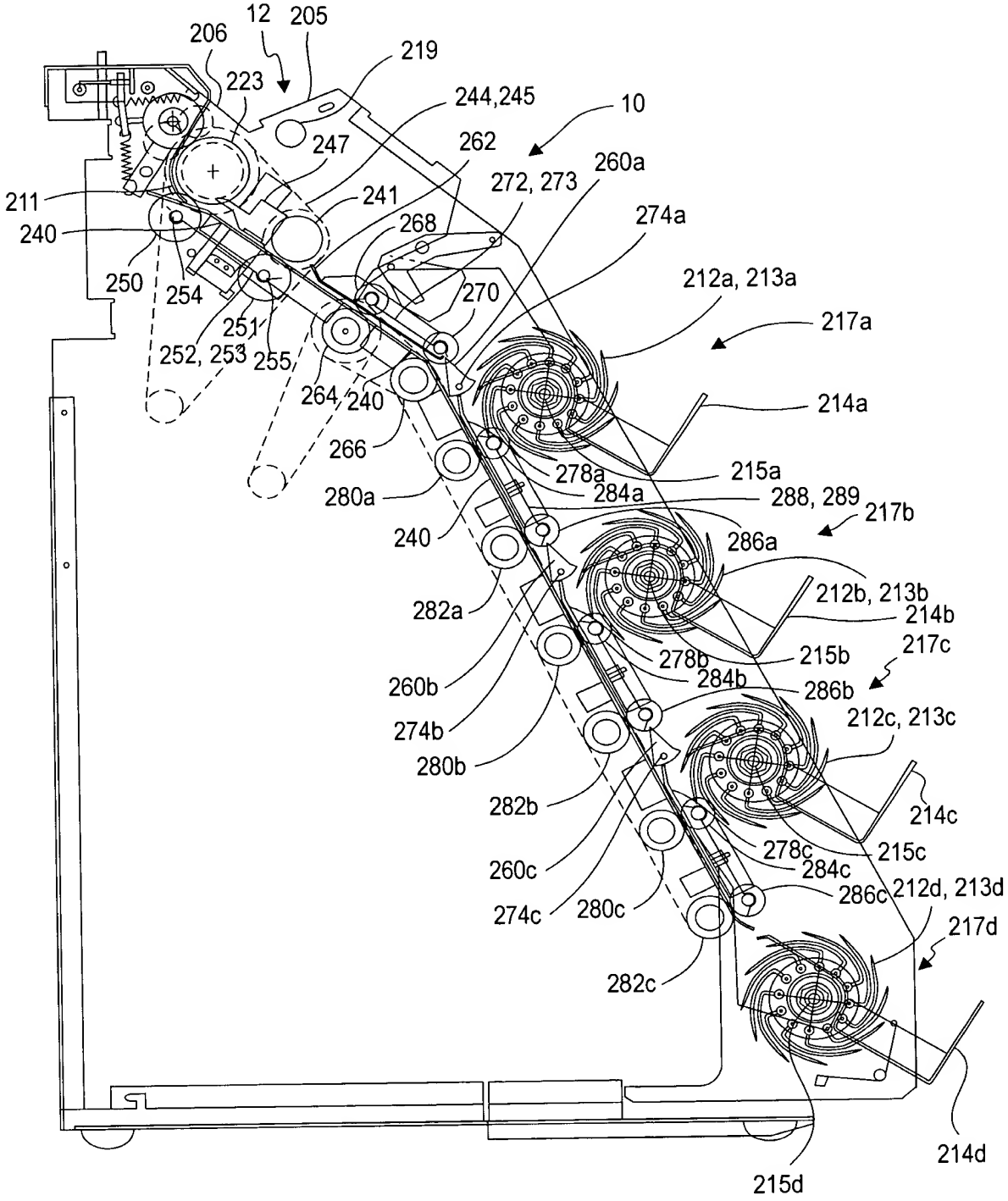


FIG. 12b

OIPE JC1SS
OCT 20 2003
PATENT & TRADEMARK OFFICE

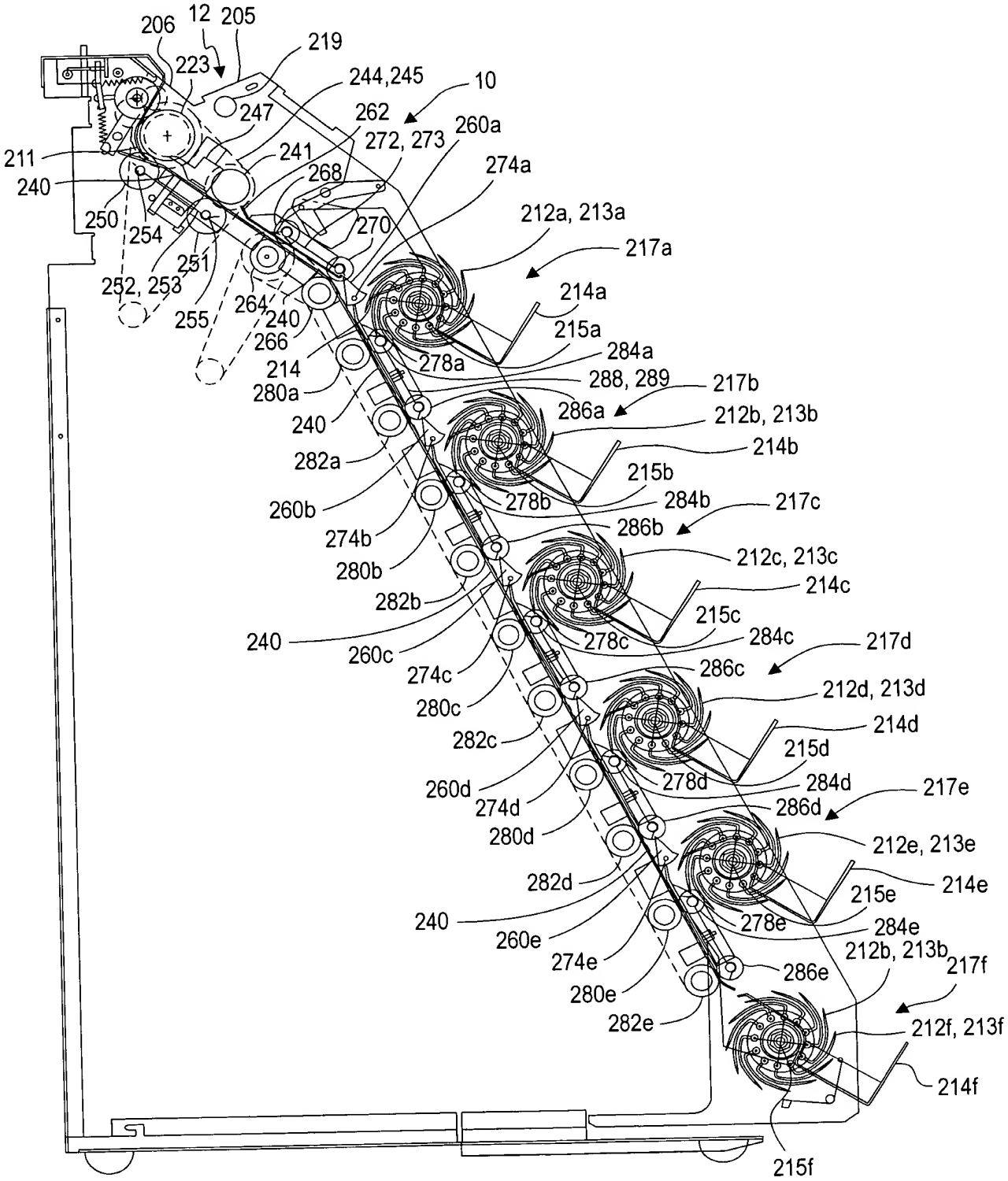


FIG. 12c

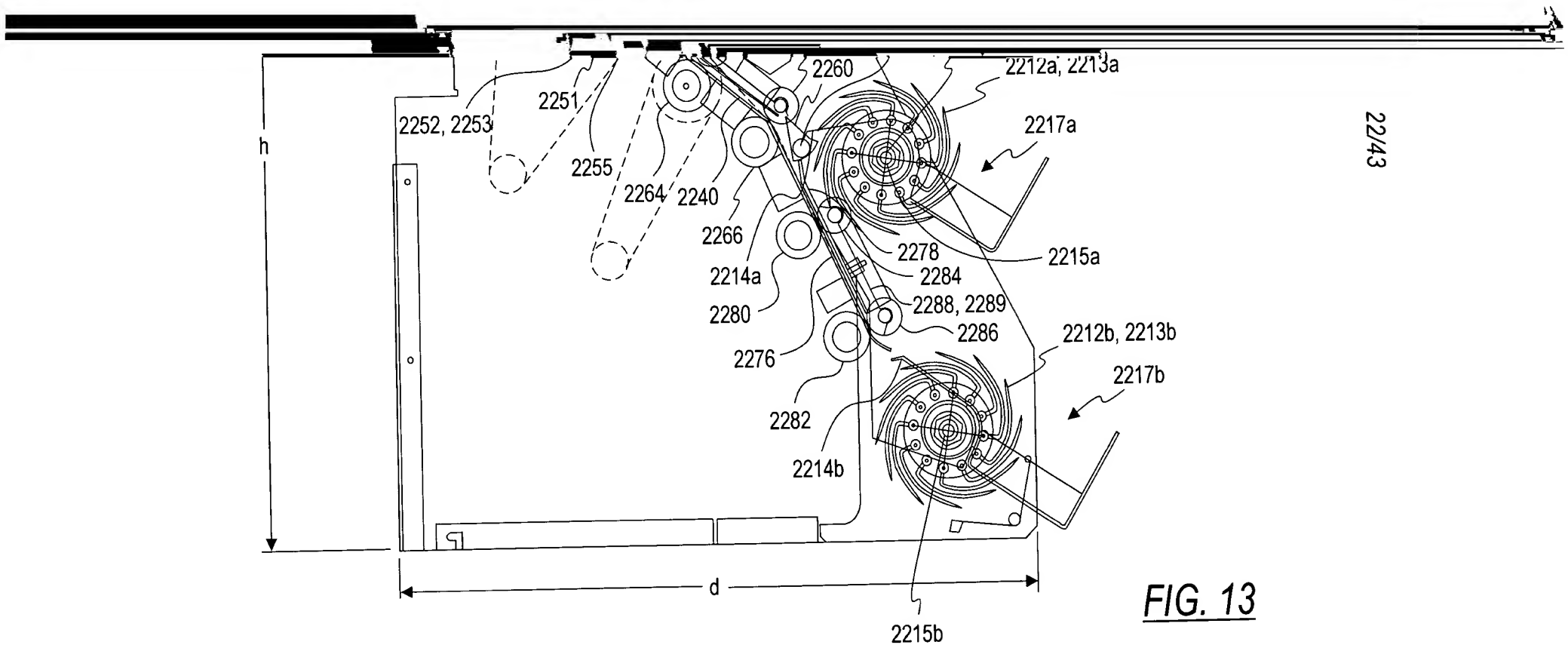

h
2252, 2253
2251
2255
2264
2240
2260
2212a, 2213a
2217a
2266
2214a
2280
2276
2278
2284
2288, 2289
2286
2215a
2212b, 2213b
2217b
2282
2214b
d
2215b

FIG. 13

OIPE JC16
OCT 20 2003
PATENT & TRADEMARK OFFICE

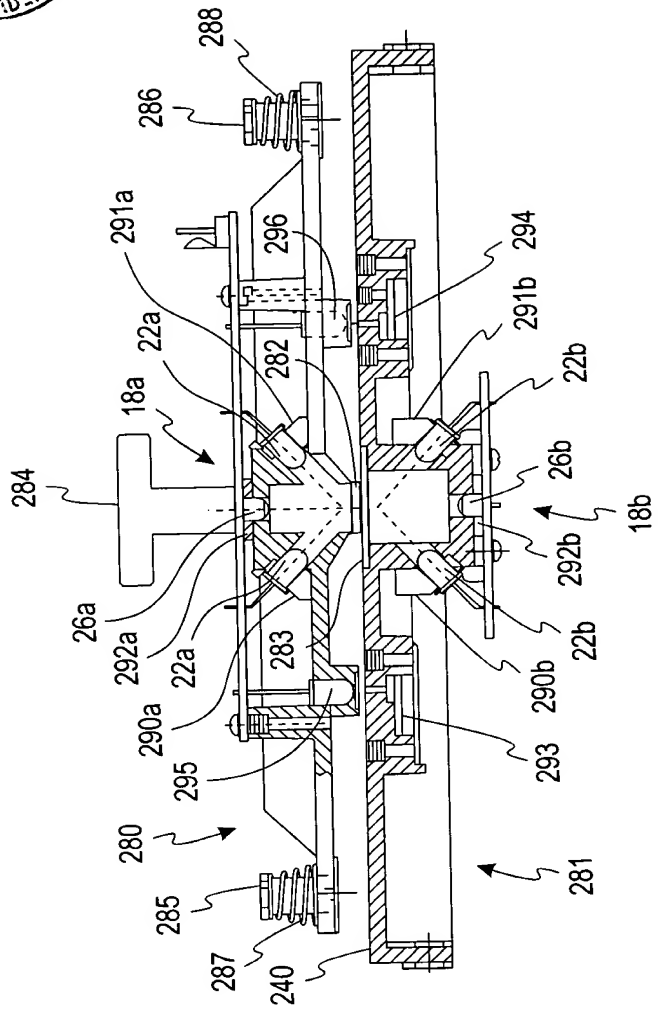


FIG. 14b

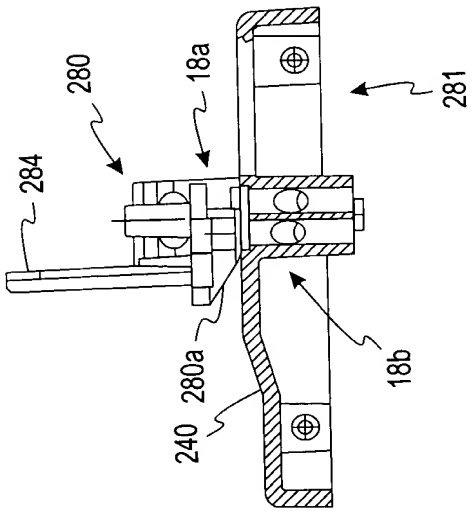


FIG. 14a

OIPE JC16
OCT 20 2003
PATENT & TRADEMARK OFFICE

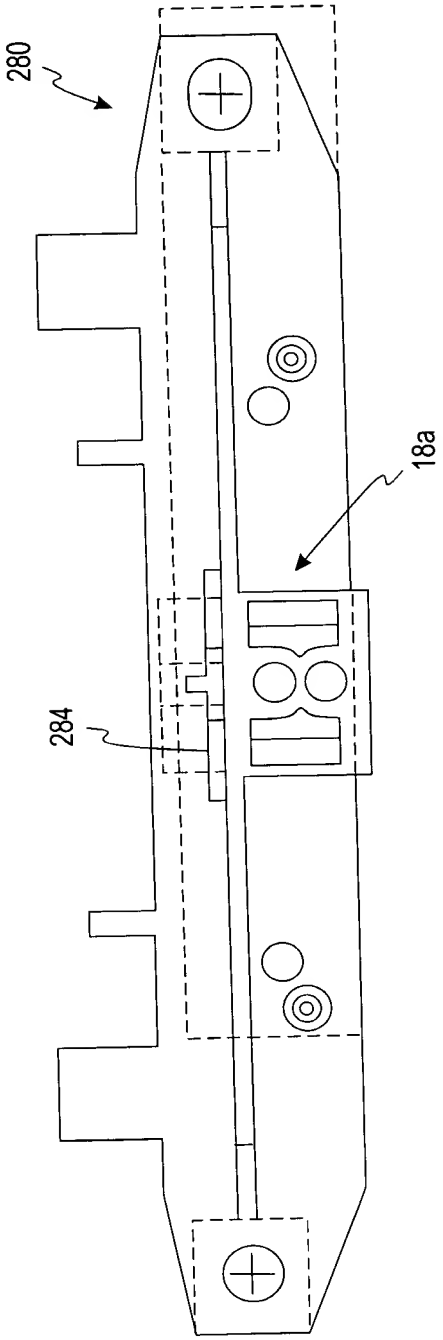


FIG. 15

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

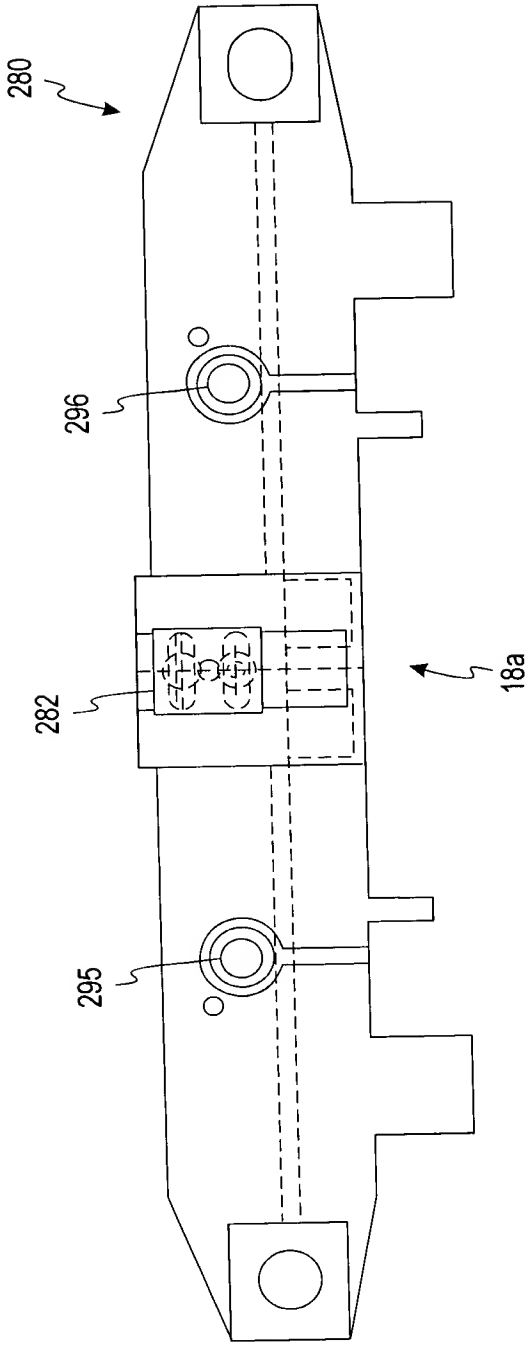


FIG. 16

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

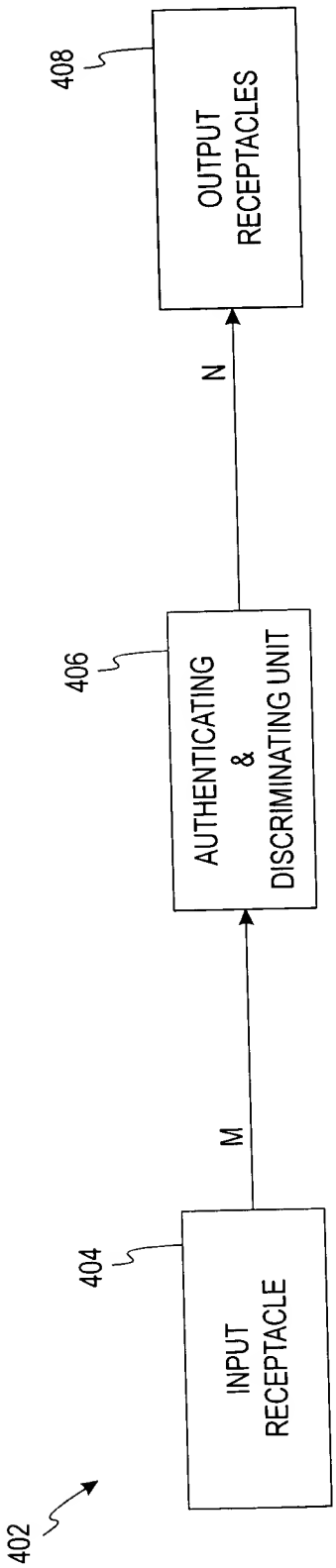


FIG. 17

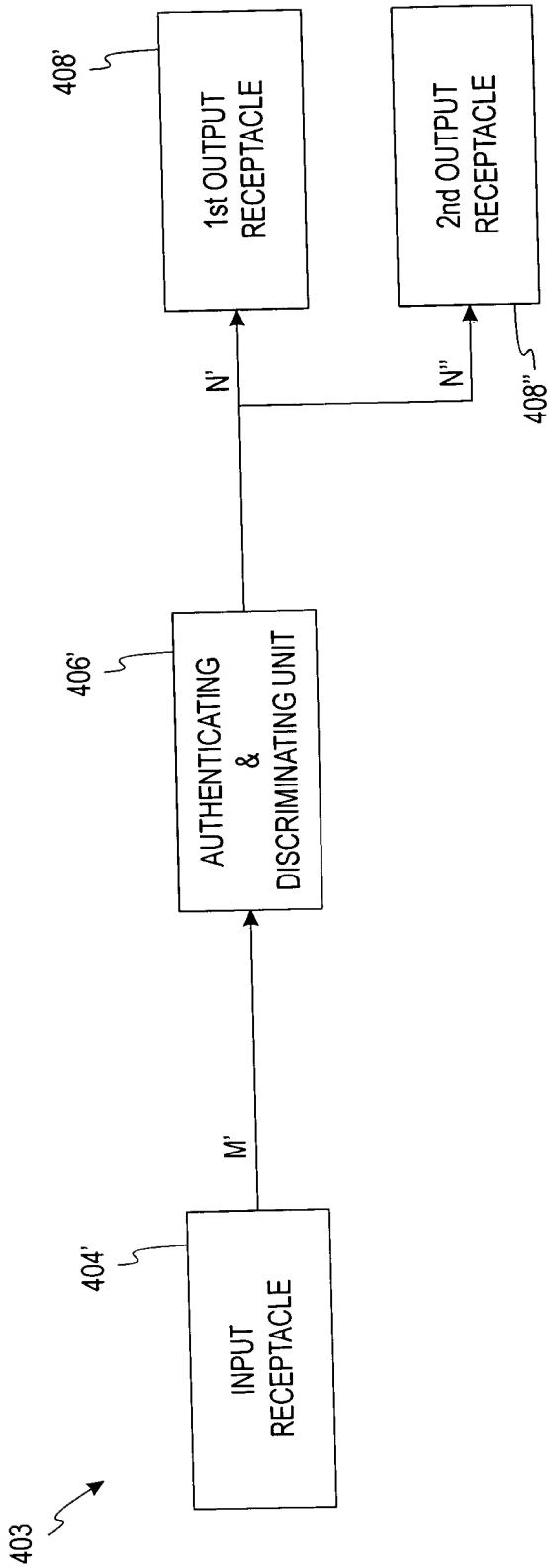


FIG. 18

OIPE JC15
OCT 20 2003
PATENT & TRADEMARK OFFICE

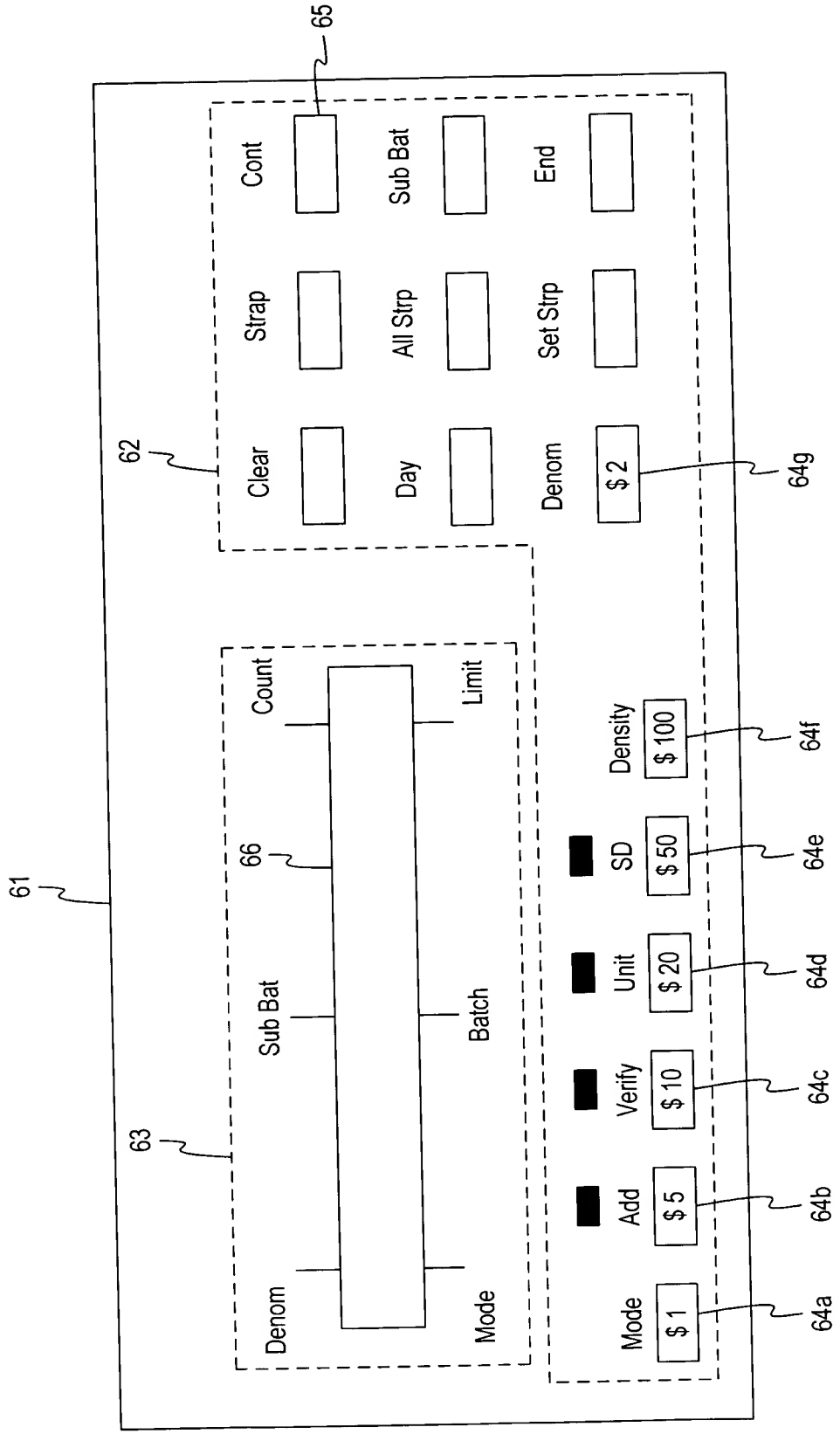


FIG. 19

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

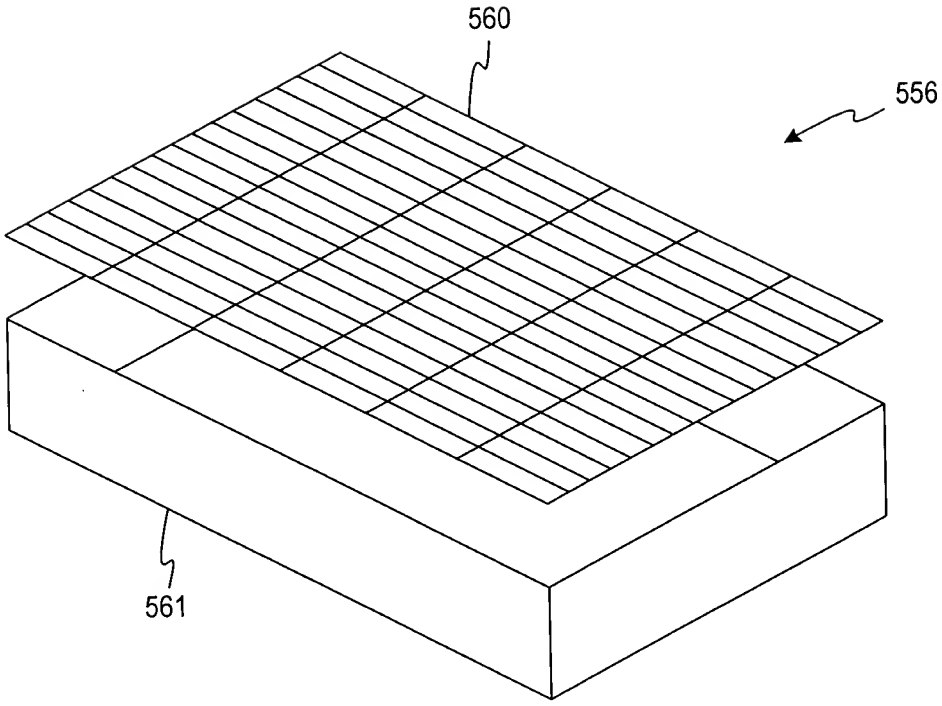


FIG. 20

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

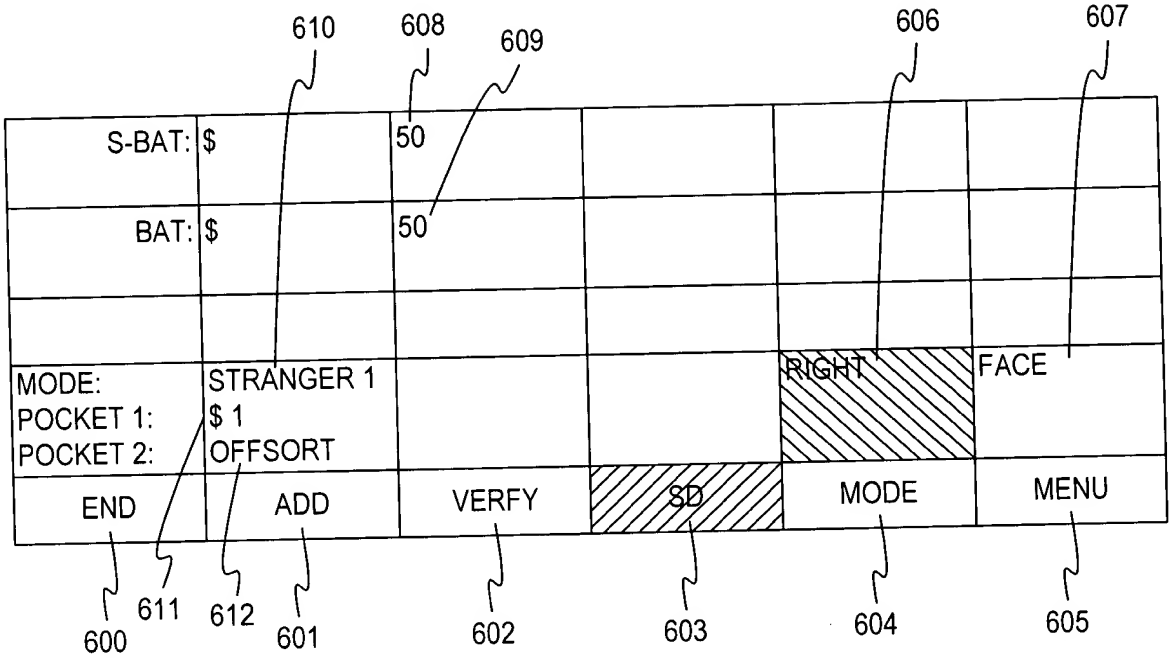


FIG. 21

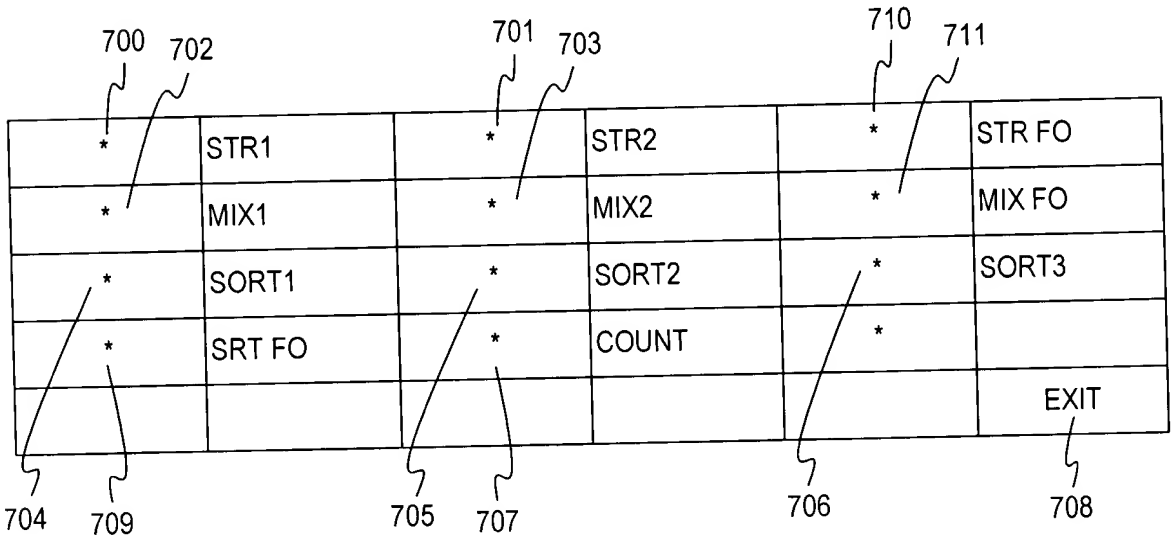


FIG. 22

OIPE JC182
OCT 20 2003
PATENT & TRADEMARK OFFICE

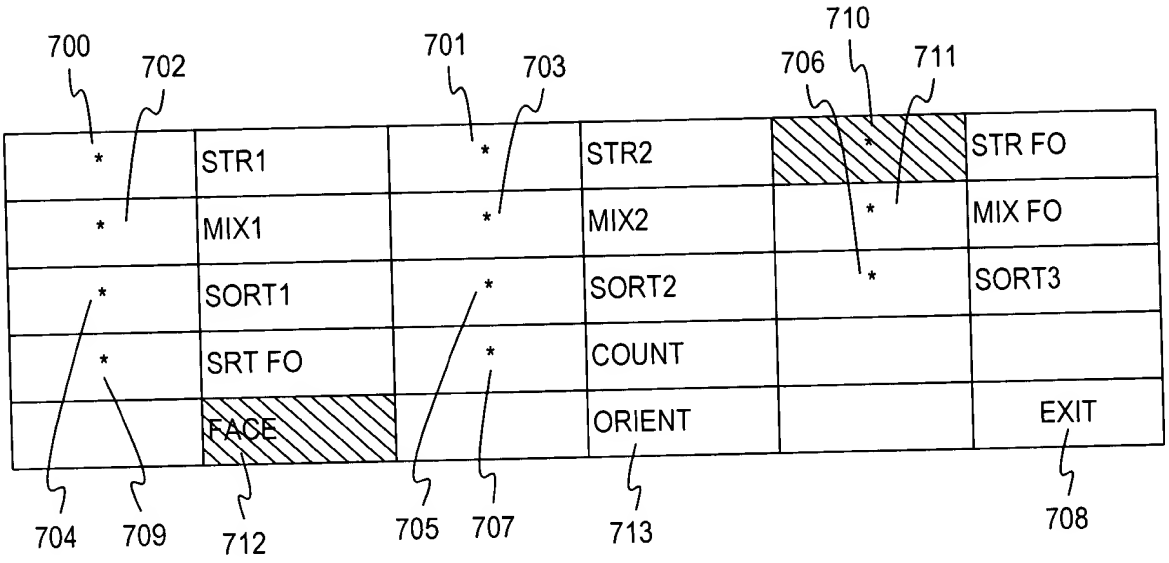


FIG. 23

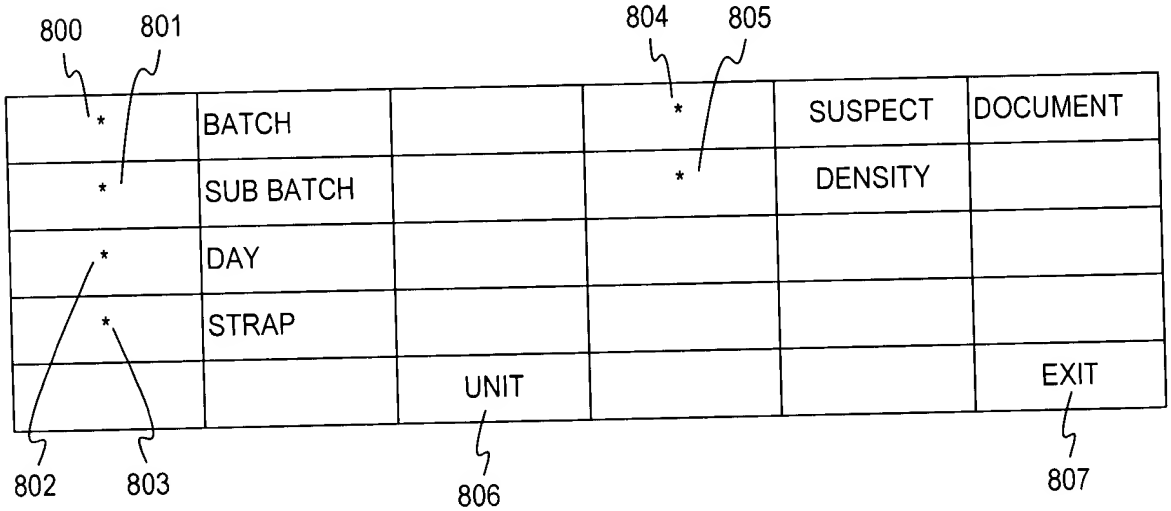


FIG. 24

OIPE JC16
OCT 20 2003
PATENT & TRADEMARK OFFICE

		BATCH TOTALS			
DENOM $ 1 $ 5		COUNT 57 100		VALUE $ 57 $ 500	
$ 10 $ 20 $ 50		3 50 200		$ 30 $ 1000 $ 10000	
$ 100 TOTAL		303		$ 30300 $ 41887	CLEAR
					EXIT

810

811

FIG. 25

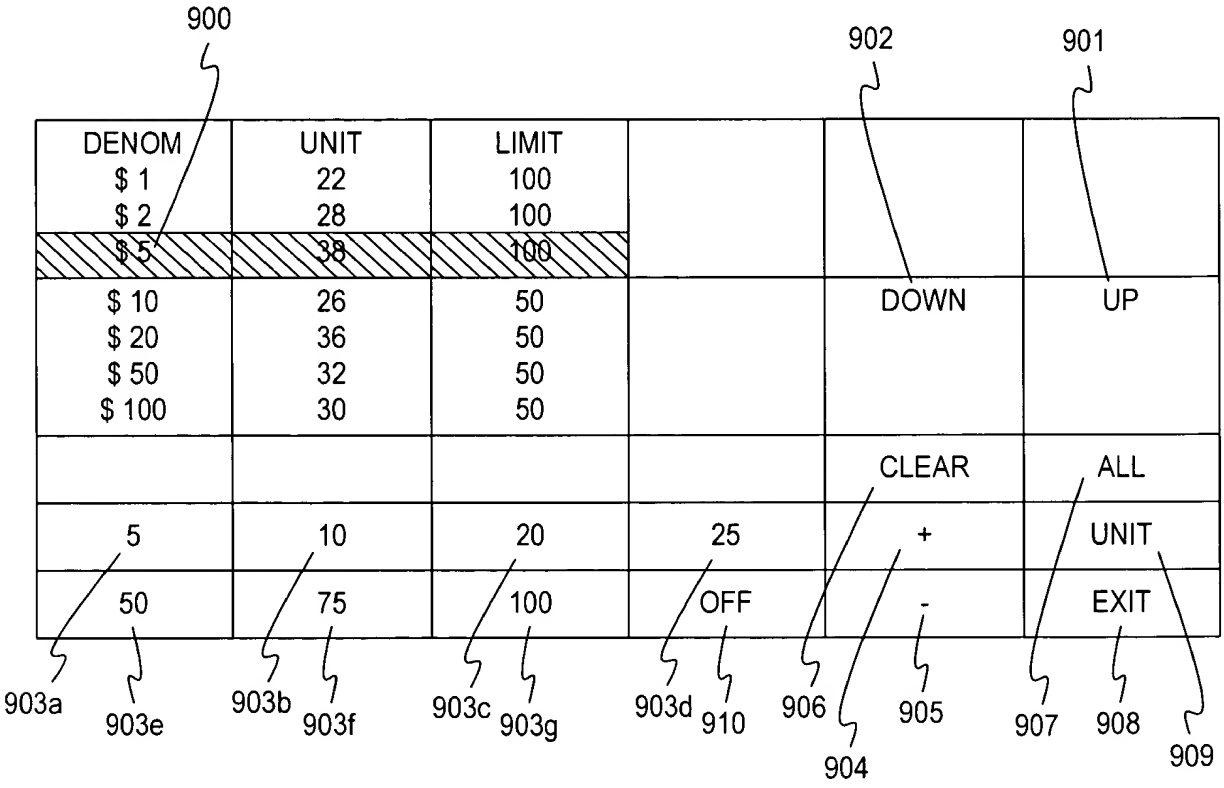


FIG. 26

OIPE JC14
OCT 20 2003
PATENT & TRADEMARK OFFICE

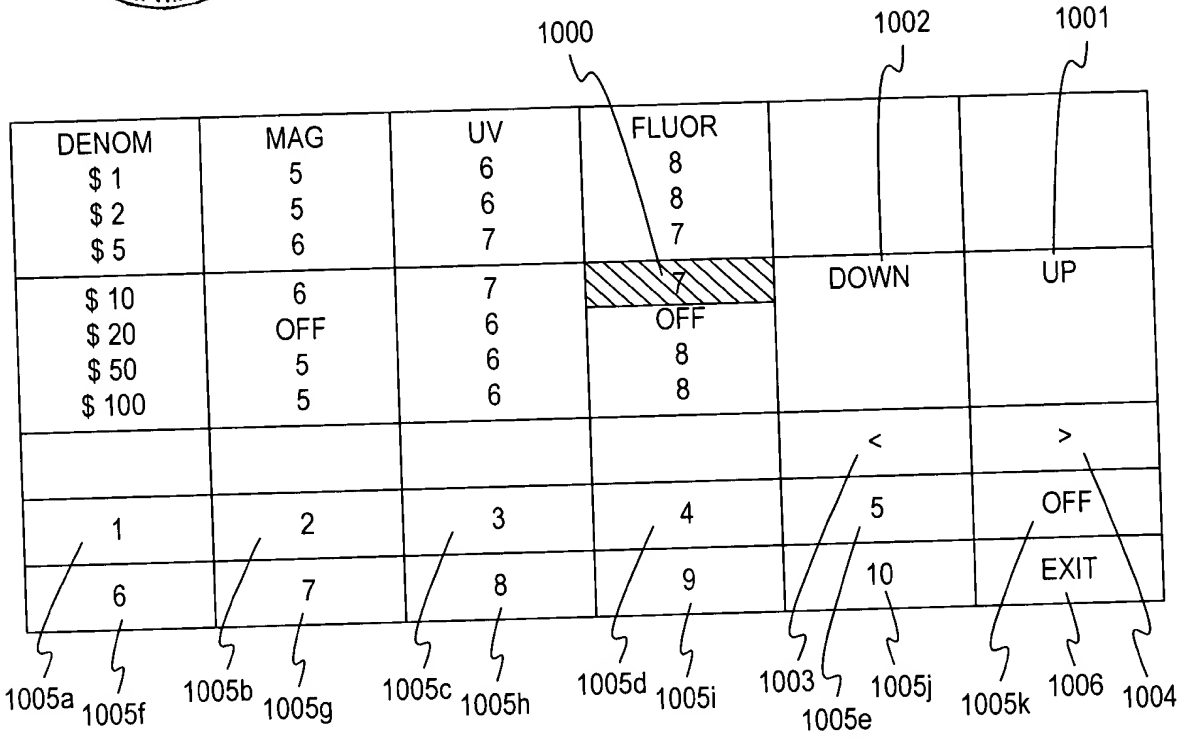


FIG. 27

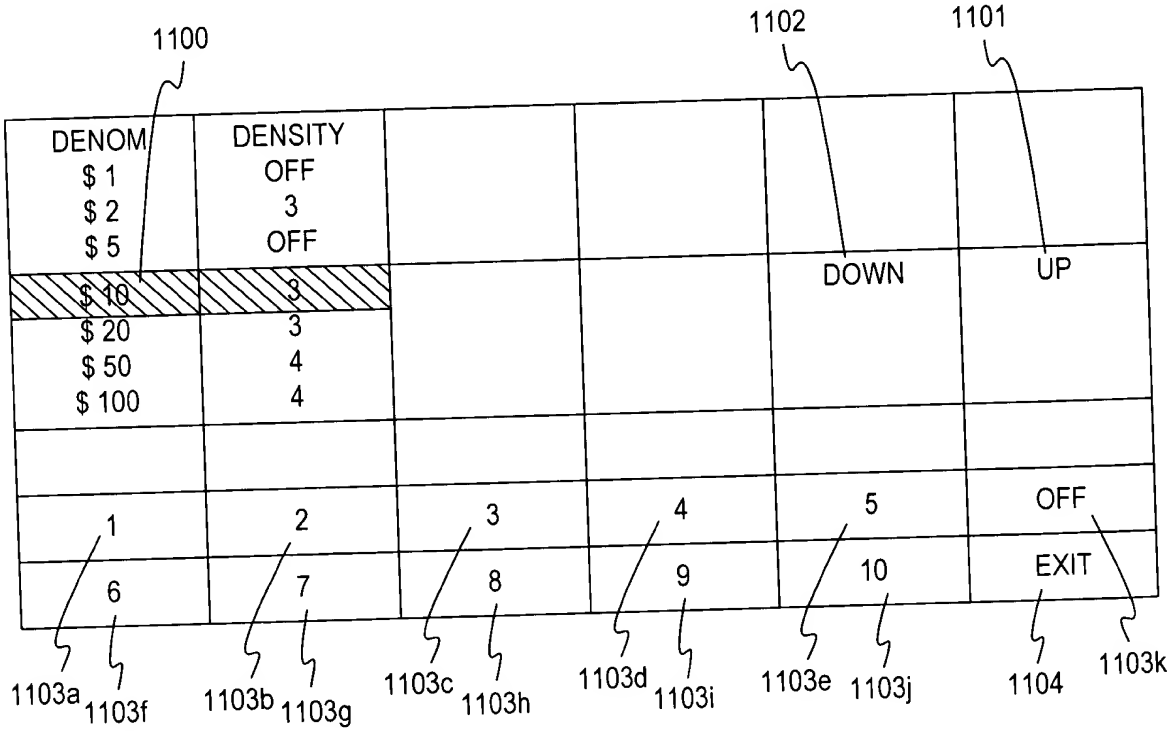


FIG. 28

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

STRAP	LIMIT	POCKET	1		
REMOVE	NOTES	AND	PRESS	CONT.	
		CONT			

1200

FIG. 29

NO	CALL	PRESS	KEY:		
$ 1	$ 2	$ 5	$ 10	$ 20	$ 50
$ 100					
					CONT.

1300g 1300a 1300b 1300c 1300d 1300e 1300f 1301

FIG. 30

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

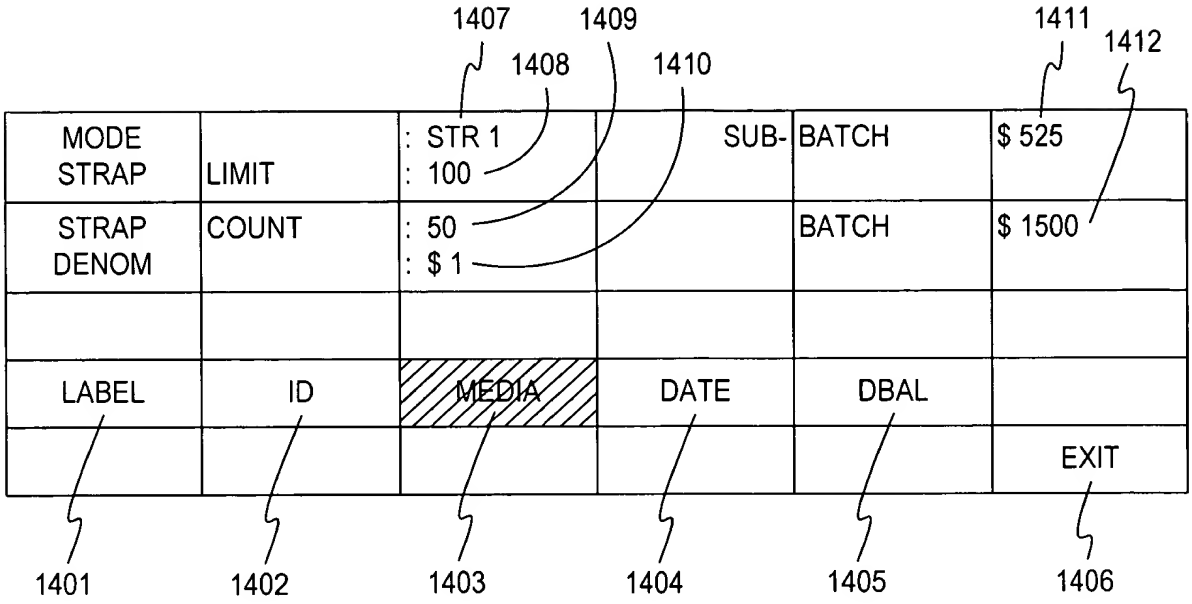


FIG. 31

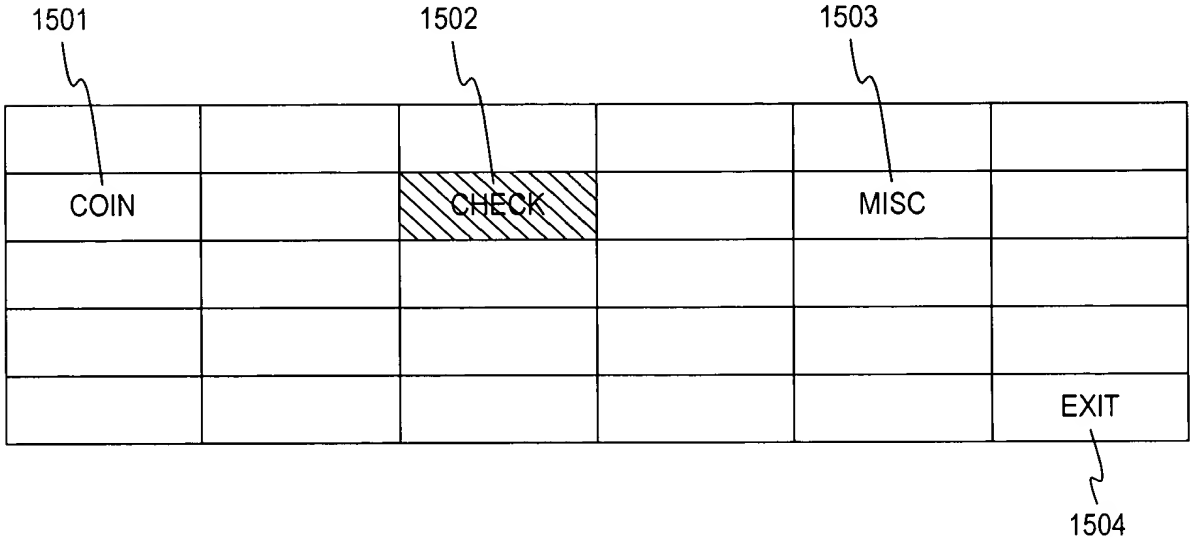


FIG. 32

OIPE JC132
OCT 20 2003
PATENT & TRADEMARK OFFICE

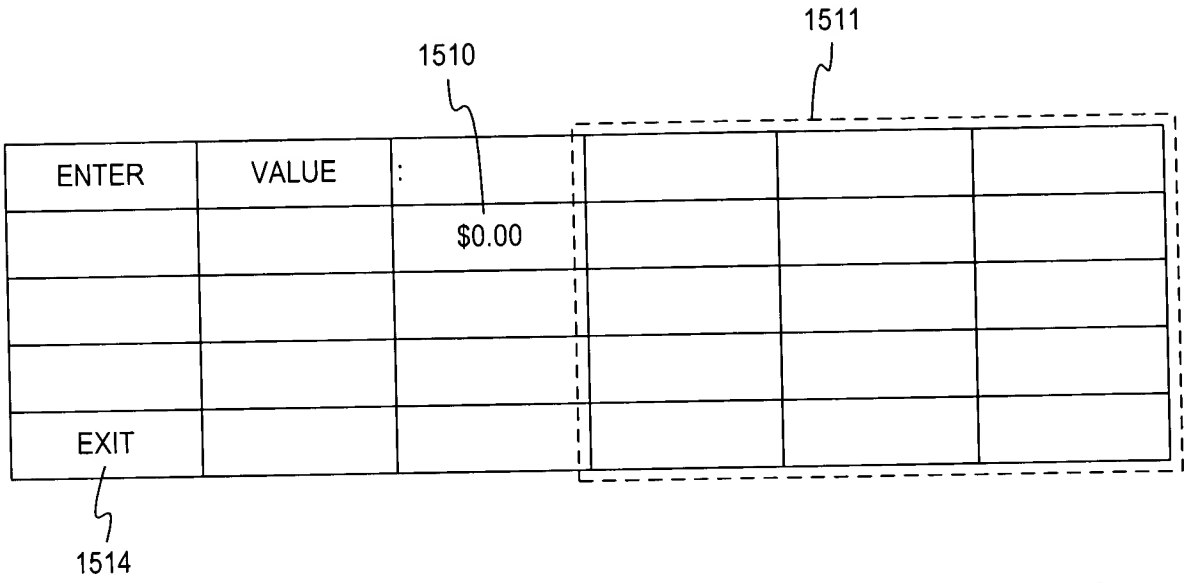


FIG. 33

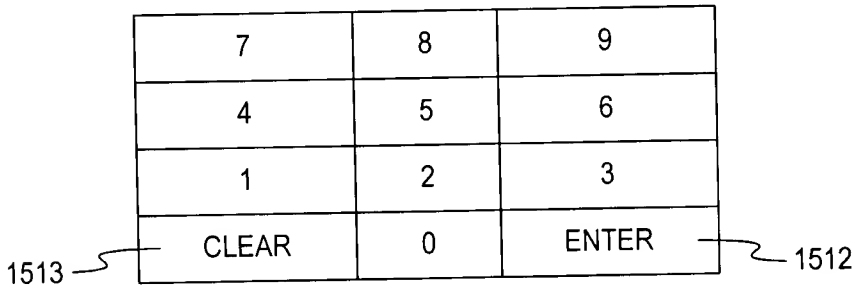


FIG. 34

OIPE
OCT 20 2003
PATENT & TRADEMARK OFFICE

MODE: _____

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?		OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?		OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?		OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?		OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?		YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?		OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?		OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?		OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?		OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?		YES / NO
R11	STRANGER (S)		P1 / P2 / CONT - 2 / ST
R12	DENOM CHANGE (DC)		P1 / P2 / CONT - 2 / ST
R13	NO CALL (NC)		P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)		P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)		P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)		P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)		P1 / P2 / CONT - 2
R18	REV. ORIENTED (RO)		P1 / P2 / CONT - 2
R19	SEP. SERIES (SS)		P1 / P2 / CONT - 2 / ST
R20	STACKER FULL (SF)		STOP / SWITCH
R21	STRAP LIMIT (SL)		STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)		STOP - 1 / STOP - 2
R23	DOUBLE (D)		STOP - 1 / STOP - 2

FIG. 35

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MODE: STRANGER FACING

	C1	C2	C3
		SELECTION	OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	1st BILL	~~OFF~~ / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	1st BILL	~~OFF~~ / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	NO	YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	——	~~OFF / 1st BILL / US / ALL~~ ~~$1 / $2 / $5 / $10 / $20 / $50 / $100~~
R7	FACE ?	——	~~OFF / 1st BILL / FACE UP / FACE DOWN / US~~
R8	ORIENTATION ?	——	~~OFF / 1st BILL / FORWARD / REVERSE / US~~
R9	SERIES ?	——	~~OFF / 1st BILL / DEFINED - GROUPS / US~~
R10	UPDATE ?	——	~~YES / NO~~
R11	STRANGER (S)	P2	P1 / P2 / CONT - 2 / ST
R12	DENOM CHANGE (DC)	——	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	C2	P1 / P2 / CONT - 2
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	COMBINE	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP - 2	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP - 2	STOP - 1 / STOP - 2

FIG. 36

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MODE: SORT 3

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	$5	~~OFF~~ / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	NO	YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	1st BILL	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	YES	YES / NO
R11	STRANGER (S)	——	~~P1 / P2 / CONT - 2 / ST~~
R12	DENOM CHANGE (DC)	P2	P1 / P2 / CONT - 2 / ST
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	——	~~P1 / P2 / CONT - 2~~
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP - 2	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP - 2	STOP - 1 / STOP - 2

FIG. 37

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MODE: USER - DEFINED 1

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	$100	OFF / 1st BILL / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	FACE UP	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	1996 +	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	NO	YES / NO
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	$100	OFF / 1st BILL / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	FACE DOWN	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	1995 -	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	NO	YES / NO
R11	STRANGER (S)	P2	P1 / P2 / CONT - 2 / ST
R12	DENOM CHANGE (DC)	———	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	P2	P1 / P2 / CONT - 2
R18	REV. ORIENTED (RO)	———	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	P2	P1 / P2 / CONT - 2 / ST
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP - 2	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP - 2	STOP - 1 / STOP - 2

FIG. 38

OIPE JC15
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MODE: USER - DEFINED 2

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	ALL	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	——	~~YES / NO~~
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	OFF	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	——	~~YES / NO~~
R11	STRANGER (S)	——	~~P1 / P2 / CONT - 2 / ST~~
R12	DENOM CHANGE (DC)	——	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P1	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P2	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P2	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P2	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	——	~~P1 / P2 / CONT - 2~~
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP-1	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP-1	STOP - 1 / STOP - 2

FIG. 39

OIPE JC15
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MODE: USER - DEFINED 3

	C1	C2 SELECTION	C3 OPTIONS
	TARGET 1 (POCKET 1)		
R1	DENOM. ?	OFF	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R2	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R3	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R4	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R5	UPDATE ?	——	~~YES / NO~~
	TARGET 2 (POCKET 2)		
R6	DENOM. ?	ALL	OFF / 1st BILL / US / ALL $1 / $2 / $5 / $10 / $20 / $50 / $100
R7	FACE ?	OFF	OFF / 1st BILL / FACE UP / FACE DOWN / US
R8	ORIENTATION ?	OFF	OFF / 1st BILL / FORWARD / REVERSE / US
R9	SERIES ?	OFF	OFF / 1st BILL / DEFINED - GROUPS / US
R10	UPDATE ?	——	~~YES / NO~~
R11	STRANGER (S)	——	~~P1 / P2 / CONT - 2 / ST~~
R12	DENOM CHANGE (DC)	——	~~P1 / P2 / CONT - 2 / ST~~
R13	NO CALL (NC)	P2	P1 / P2 / CONT - 2
R14	SUSPECT DOC. (SD)	P1	P1 / P2 / CONT - 2
R15	IMPROPER SIZE (SZ)	P1	P1 / P2 / CONT - 2
R16	UNFIT DOC. (UD)	P1	P1 / P2 / CONT - 2
R17	REVERSE FACED (RF)	——	~~P1 / P2 / CONT - 2~~
R18	REV. ORIENTED (RO)	——	~~P1 / P2 / CONT - 2~~
R19	SEP. SERIES (SS)	——	~~P1 / P2 / CONT - 2 / ST~~
R20	STACKER FULL (SF)	STOP	STOP / SWITCH
R21	STRAP LIMIT (SL)	STOP	STOP / SWITCH / COMBINE P1 + P2
R22	CHAIN (C)	STOP-1	STOP - 1 / STOP - 2
R23	DOUBLE (D)	STOP-1	STOP - 1 / STOP - 2

FIG. 40

2 -POCKET POCKET DELIVERY / STOPPING CONDITIONS								
		STR 1	STR 2	STR FO	SRT 1	SRT 2	SRT 3	SRT FO
POCKET 1	NOTE	TARGET NOTE	TARGET NOTE	TARGET NOTE FACE / ORIENT	TARGET NOTE 1 WITH AUTOMATIC DENOMINATION CHANGE	TARGET NOTE	TARGET NOTE 1	TARGET NOTE FACE / ORIENT
	STOP CONDITION	C, SL, D, SF, J; OPTIONAL: S, NC, SS, SD	C, SL, D, SF, S, NC, J, SD; OPTIONAL: SS	C, SF, J, D, SD, NC, S; SL COMBINE POCKETS; OPTIONAL: SS	C, SF, SL, J, D, NC, SD, DC; OPTIONAL: SS	C, SF, J, D, DC; OPTIONAL: NC, SS, SD	C, SF, J, SL, D, NC, SD; OPTIONAL: SS	C, SF, J, D, SD, NC, DC; SL COMBINE POCKETS; OPTIONAL: SS
POCKET 2	NOTE	NONE	TARGET NOTE	TARGET NOTE UNFACED / NON-ORIENTED	TARGET NOTE 2 WITH AUTOMATIC DENOMINATION CHANGE	NONE	NONE	TARGET NOTE UNFACED / NON-ORIENTED
	STOP CONDITION	OPTIONAL: S, NC, SS, SD	C, SL, D, SF, S, NC, J, SD; OPTIONAL: SS	C, SF, J, D, SD, NC, S; SL COMBINE POCKETS; OPTIONAL: SS	C, SF, SL, J, D, NC, SD, DC; OPTIONAL: SS	OPTIONAL: NC, SS, SD	C, SF, SL, J, D, NC, SD, DC; OPTIONAL: SS	C, SF, J, D, SD, NC, DC; SL COMBINE POCKETS; OPTIONAL: SS

FIG. 41

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2 -POCKET POCKET DELIVERY / STOPPING CONDITIONS					
		MIX 1	MIX 2	MIX FO	CNT
POCKET 1	NOTE	MIXED NOTES	MIXED NOTES	FACE / ORIENT	NOTES
	STOP CONDITION	C, D, SF, J OPTIONAL: NC, SD	C, D, SF, J, NC, SD	C, SF, J, D, SD, NC	SF, J, SL, C, D, SD
POCKET 2	NOTE	NONE	MIXED NOTES	UNFACED / NON-ORIENTED	NOTES
	STOP CONDITION	OPTIONAL: NC, SD	C, D, SF, J, NC, SD	C, SF, J, D, SD, NC	SF, J, SL, C, D, SD

FIG. 42

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